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RJ45 USB D-Sub Series



CHOGORI®

Waterproof Connectors

CHOGORI®

Waterproof Connectors

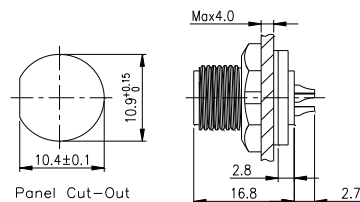


Chogori Mini Series

MINI SERIES SOCKET SCREW

FRONT PANEL MOUNT - MALE PINS

Mini series waterproof connector with high quality materials to meet different requirements of various environments. Its plastic material used is high performance PA66. Male pins used is excellent mechanical properties of phosphor bronze assembly with good electrical conductivity brass. Mini series connector has good performance with waterproof rating of IP68.

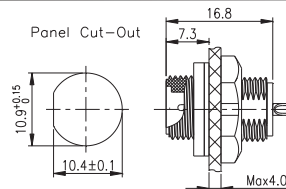


Contact	Wire Gauge	Panel Thickness	Hole	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
3	20AWG	Max. 4.0mm	11mmØ	IP67/IP68	-45 ~ +105	110V	5A	26	21003515-01
4	20AWG	Max. 4.0mm	11mmØ	IP67/IP68	-45 ~ +105	110V	5A	26	21004515-01
5	22AWG	Max. 4.0mm	11mmØ	IP67/IP68	-45 ~ +105	50V	2A	26	21005515-01
6	22AWG	Max. 4.0mm	11mmØ	IP67/IP68	-45 ~ +105	50V	2A	26	21006515-01
2+4	22AWG	Max. 4.0mm	11mmØ	IP67/IP68	-45 ~ +105	50V	5A+2A	26	21204515-01

MINI SERIES SOCKET SCREW

REAR PANEL MOUNT - MALE PINS

Mini series waterproof connector with high quality materials to meet different requirements of various environments. Its plastic material used is high performance PA66. Male pins used is excellent mechanical properties of phosphor bronze assembly with good electrical conductivity brass. Mini series connector has a good performance with waterproof rating of IP68.

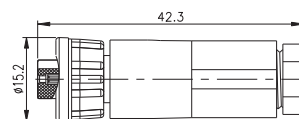


Contact	Wire Gauge	Panel Thickness	Hole	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
2	0.519mm ²	Max. 4.0mm	11mmØ	IP67/68	-45 ~ +105	110V	5A	28	21002515-03
3	0.519mm ²	Max. 4.0mm	11mmØ	IP67/68	-45 ~ +105	110V	5A	28	21003515-03
4	0.519mm ²	Max. 4.0mm	11mmØ	IP67/68	-45 ~ +105	110V	5A	28	21004515-03
5	0.34mm ²	Max. 4.0mm	11mmØ	IP67/68	-45 ~ +105	50V	2A	28	21005515-03
6	0.34mm ²	Max. 4.0mm	11mmØ	IP67/68	-45 ~ +105	50V	2A	28	21006515-03

MINI SERIES PLUG SCREW

MALE SCREW - FEMALE PINS

Mini series waterproof connector with high quality materials to meet different requirements of various environments. Its plastic material used is high performance PA66. Male pins used is excellent mechanical properties of phosphor bronze assembly with good electrical conductivity brass. Its superior mechanical properties ensure long effective application and good performance with 5 seal structure making its waterproof rating reach IP68 standards.



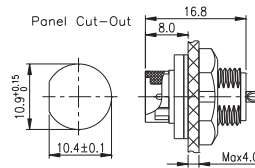
Contact	Wire Gauge	Cable Range	Size	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
2	0.519mm ²	3.5-6.8	42x14mmØ	IP68	-45 ~ +105	110V	5A	29	21002211-01
3	0.519mm ²	3.5-6.8	42x14mmØ	IP68	-45 ~ +105	110V	5A	29	21003211-01
4(5A)	0.519mm ²	3.5-6.8	42x14mmØ	IP68	-45 ~ +105	110V	5A	29	21004211-01
5	0.34mm ²	3.5-6.8	42x14mmØ	IP68	-45 ~ +105	50V	2A	29	21005211-01
6	0.34mm ²	3.5-6.8	42x14mmØ	IP68	-45 ~ +105	50V	2A	29	21006211-01
2+4	0.34mm ²	3.5-6.8	42x14mmØ	IP68	-45 ~ +105	50V	5A+2A	29	21204211-01



MINI SERIES SOCKET BAYONET

REAR PANEL MOUNT - MALE PINS

Mini series waterproof connector with high performance PA66. Male pins use phosphor bronze assembly with high conductivity brass. Mini series connector has a good performance with IP67 waterproof rating, thus it is ideal for indoor and outdoor harsh working environments.

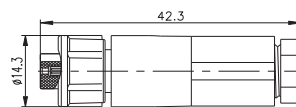


Contact	Wire Gauge	Panel Thickness	Hole	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
2	0.519mm ²	Max. 4.0mm	10.4mmØ	IP67	-45 ~ +105	110V	5A	28	21002525-03
3	0.519mm ²	Max. 4.0mm	10.4mmØ	IP67	-45 ~ +105	110V	5A	28	21003525-03
4(5A)	0.519mm ²	Max. 4.0mm	10.4mmØ	IP67	-45 ~ +105	110V	5A	28	21004525-03
4(2A)	0.34mm ²	Max. 4.0mm	10.4mmØ	IP67	-45 ~ +105	50V	2A	28	21004525-04
5	0.34mm ²	Max. 4.0mm	10.4mmØ	IP67	-45 ~ +105	50V	2A	28	21005525-03
6	0.34mm ²	Max. 4.0mm	10.4mmØ	IP67	-45 ~ +105	50V	2A	28	21006525-03
2+4	0.34mm ²	Max. 4.0mm	10.4mmØ	IP67	-45 ~ +105	50V	5A+2A	28	21204525-03

MINI SERIES PLUG BAYONET

MALE BAYONET - FEMALE PINS

Mini series waterproof connector manufactured with high performance PA66. Contact is lathed and milled of two solid brass rods, reeds are stamped of beryllium copper with surface gold-plated with 4u"-20u". Mini series has a good performance with 5 seal structure making its waterproof rating IP68 making it suitable for harsh environments.



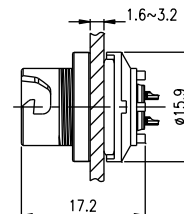
Contact	Wire Gauge	Cable Range	IP	Hole	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
2	0.519mm ²	3.5-6.8	IP67	10.4mmØ	-45 ~ +105	110V	5A	29	21002221-01
3	0.519mm ²	3.5-6.8	IP67	10.4mmØ	-45 ~ +105	110V	5A	29	21003221-01
4(5A)	0.519mm ²	3.5-6.8	IP67	10.4mmØ	-45 ~ +105	110V	5A	29	21004221-01
4(2A)	0.34mm ²	3.5-6.8	IP67	10.4mmØ	-45 ~ +105	50V	2A	29	21004221-02
6	0.34mm ²	3.5-6.8	IP67	10.4mmØ	-45 ~ +105	50V	2A	29	21006221-01
2+4	0.34mm ²	3.5-6.8	IP67	10.4mmØ	-45 ~ +105	50V	5A+2A	29	21204221-01

Chogori 500 Series

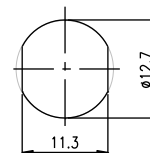
500 SERIES SOCKET - PUSH LOCK

FRONT PANEL MOUNT - FEMALE PINS

500 series waterproof connector is manufactured with high quality materials to meet different requirements of various environments. Its plastic material used is high performance PA66. Female contacts are lathed and milled of two solid brass rods and reeds are stamped of beryllium copper. Terminals' surfaces are gold-plated with 4u"-20u". Superior mechanical properties ensure long effective application with insert and withdraw lifetime up to 3000 times. 500 series connector has a good performance is ideal for harsh working environments.



Panel Cut-Out

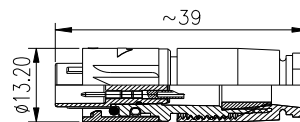


Contact	Wire Gauge	Cable	Panel Thickness	Hole	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
2	0.34mm ²	22AWG	1.6 - 3.2mm	12.7mmØ	IP65/IP67	-45 ~ +105	110V	2A	21	11002635-01
3	0.34mm ²	22AWG	1.6 - 3.2mm	12.7mmØ	IP65/IP67	-45 ~ +105	110V	2A	21	11003635-01
4	0.34mm ²	22AWG	1.6 - 3.2mm	12.7mmØ	IP65/IP67	-45 ~ +105	110V	2A	21	11004635-01
5	0.34mm ²	22AWG	1.6 - 3.2mm	12.7mmØ	IP65/IP67	-45 ~ +105	60V	2A	21	11005635-01
6	0.34mm ²	22AWG	1.6 - 3.2mm	12.7mmØ	IP65/IP67	-45 ~ +105	60V	2A	21	11006635-01

500 SERIES PLUG - PUSH LOCK

MALE PUSH LOCK - MALE PINS

500 series waterproof connector is manufactured with high quality materials to meet different requirements of various environments. Its plastic material is high performance PA66. Male pins are phosphor bronze assembly with good electrical conductivity brass. Terminal surfaces are gold-plated with 4u"-20u". Superior mechanical properties ensure long effective application with insert and withdraw lifetime up to 3000 times. 500 series connector has a good performance with a 5 seal structure making its waterproof rating reach IP68 standard.



Contact	Wire Gauge	Cable	Cable Range	Size	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
2	0.34mm ²	22AWG	2.9-6.3	39x13mmØ	IP65/IP67	-45 ~ +105	110V	2A	22	11002131-01
3	0.34mm ²	22AWG	2.9-6.3	39x13mmØ	IP65/IP67	-45 ~ +105	110V	2A	22	11003131-01
4	0.34mm ²	22AWG	2.9-6.3	39x13mmØ	IP65/IP67	-45 ~ +105	110V	2A	22	11004131-01
5	0.34mm ²	22AWG	2.9-6.3	39x13mmØ	IP65/IP67	-45 ~ +105	60V	2A	22	11005131-01
6	0.34mm ²	22AWG	2.9-6.3	39x13mmØ	IP65/IP67	-45 ~ +105	60V	2A	22	11006131-01

Chogori Standard Series

Field Installable 180° Solder Screw Types

MEDIUM SIZED PLUG & SOCKET SYSTEM

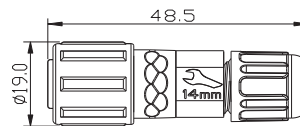
- Standard circular connectors from Chogori. Field installable. Solder pins.
- Designed to withstand harsh industrial and climatic environment, its superior quality ensures reliable connection for the higher standards and reliability of industrial machinery and equipment, marine electronics, LED display of power and signal control components, etc.
- This high quality connector can insert and withdraw simply and quickly. Addition to the lock bayonet and screw type docking type, the push-locking connection can also be simple and fast plug in and out.
- Pins from 2 to 12 can satisfy the various requirements of different customers.
- All the products are manufactured with high quality materials to meet the various requirements of different environments, the plastic material used is high performance PA66. Male pins used is excellent mechanical properties of phosphor bronze assembly with good electrical conductivity brass. The contact surface is gold-plated with 4u"-20u"
- Superior mechanical properties ensure long effective application with insert and extract lifetime up to 3000 times.
- Good performance in waterproof, 5 sealing structure making its ingress rating reach IP68 standards.



STANDARD SERIES PLUG SCREW

MALE SCREW - FEMALE PINS

Standard circular connectors. Field installable. Solder pins. Screw type plug secure system. Designed to withstand harsh industrial and climatic environment, its superior quality ensures reliable connection for the higher standards and reliability of industrial machinery and equipment, marine electronics, LED display of power and signal control components, etc. Gold-plated with 4u"-20u", its superior mechanical properties ensure long effective application with insert and extract lifetime up to 3000 times. Good performance in waterproof, 5 sealing structure making its ingress rating reach IP68 standards.

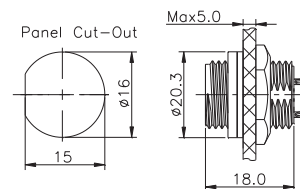


Contact	Wire Gauge	Cable	Cable Range	Size	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
2	0.823mm ²	18AWG	3.5-6.8	48x19mmØ	IP68	-45 ~ +105	300V	10A	44	22002211-01
3	0.823mm ²	18AWG	3.5-6.8	48x19mmØ	IP68	-45 ~ +105	300V	10A	44	22003211-01
5	0.519mm ²	20AWG	3.5-6.8	48x19mmØ	IP68	-45 ~ +105	60V	5A	44	22005211-01
6	0.519mm ²	20AWG	3.5-6.8	48x19mmØ	IP68	-45 ~ +105	60V	5A	44	22006211-01
2+4	0.823mm ² *2C + 0.519mm ² *4C	18AWG*2C + 20AWG*4C	3.5-6.8	48x19mmØ	IP68	-45 ~ +105	60V	10A+5A	44	22204211-01
3+4	0.823mm ² *3C + 0.519mm ² *4C	18AWG*3C + 20AWG*4C	3.5-6.8	48x19mmØ	IP68	-45 ~ +105	60V	10A+2A	44	22304211-01
8	0.519mm ²	20AWG	3.5-6.8	48x19mmØ	IP68	-45 ~ +105	60V	5A	44	22008211-01

STANDARD SERIES SOCKET SCREW

REAR PANEL MOUNT - MALE PINS

Standard circular connectors. Field installable. Solder pins. Screw type plug secure system. Plastic material used is high performance PA66, male pins used is excellent mechanical properties of phosphor bronze assembly with good electrical conductivity brass. The contact surface is gold-plated with 4u"-20u", its superior mechanical properties ensure long effective application with insert and extract lifetime up to 3000 times. Good performance in waterproof, 5 sealing structure making its ingress rating reach IP68 standards.



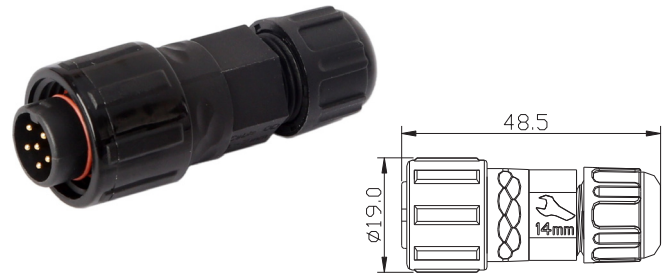
Contact	Wire Gauge	Panel Thickness	Hole	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
2	0.823mm ²	Max. 5.0mm	16mmØ	IP68	-45 ~ +105	300V	10A	43	22002515-03
3	0.823mm ²	Max. 5.0mm	16mmØ	IP68	-45 ~ +105	300V	10A	43	22003515-03
5	0.519mm ²	Max. 5.0mm	16mmØ	IP68	-45 ~ +105	60V	5A	43	22005515-03
6	0.519mm ²	Max. 5.0mm	16mmØ	IP68	-45 ~ +105	60V	5A	43	22006515-03
2+4	0.823mm ² *2C + 0.519mm ² *4C	Max. 5.0mm	16mmØ	IP68	-45 ~ +105	60V	10A+5A	43	22204515-03
3+4	0.823mm ² *3C + 0.519mm ² *4C	Max. 5.0mm	16mmØ	IP68	-45 ~ +105	60V	10A+2A	43	22304515-03
8	0.519mm ²	Max. 5.0mm	16mmØ	IP68	-45 ~ +105	60V	5A	43	22008515-03



STANDARD SERIES PLUG SCREW

MALE SCREW - MALE PINS

Standard circular connectors. Field installable. Solder pins. Screw type plug secure system. Designed to withstand harsh industrial and climatic environment, its superior quality ensures reliable connection for the higher standards and reliability of industrial machinery, marine electronics, power and signal control components, etc. Plastic material used is high performance PA66,. Male pins used is excellent mechanical properties of phosphor bronze assembly with good electrical conductivity brass. The contact surface is gold-plated with 4u"-20u", its superior mechanical properties ensure long effective application with insert and extract lifetime up to 3000 times.

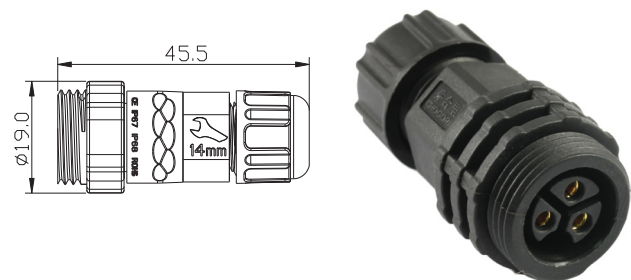


Contact	Wire Gauge	Cable	Cable Range	Size	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
2	0.823mm ²	18AWG	3.5-6.8	48x19mmØ	IP68	-45 ~ +105	300V	10A	50	22002111-01
3	0.823mm ²	18AWG	3.5-6.8	48x19mmØ	IP68	-45 ~ +105	300V	10A	50	22003111-01
4	0.823mm ²	18AWG	3.5-6.8	48x19mmØ	IP68	-45 ~ +105	125V	10A	50	22004111-01
5	0.519mm ²	20AWG	3.5-6.8	48x19mmØ	IP68	-45 ~ +105	60V	5A	50	22005111-01
6	0.519mm ²	20AWG	3.5-6.8	48x19mmØ	IP68	-45 ~ +105	60V	5A	50	22006111-01
2+4	0.823mm ² *2C + 0.519mm ² *4C	18AWG*2C + 20AWG*4C	3.5-6.8	48x19mmØ	IP68	-45 ~ +105	60V	10A+2A	50	22204111-01
2+6	0.519mm ² *2C + 0.34mm ² *6C	20AWG*2C + 22AWG*6C	3.5-6.8	48x19mmØ	IP68	-45 ~ +105	30V	5A+2A	50	22206111-01

STANDARD SERIES INLINE PLUG SCREW

FEMALE SCREW - FEMALE PINS

Standard circular connectors. Field installable. Solder pins. Screw type plug secure system. This high quality connector can insert and withdraw simply and quickly. All the products are manufactured with high quality materials to meet the various requirements of different environments, the plastic material used is high performance PA66. The contact surface is gold-plated with 4u"-20u", its superior mechanical properties ensure long effective application with insert and extract lifetime up to 3000 times. Good performance in waterproof.

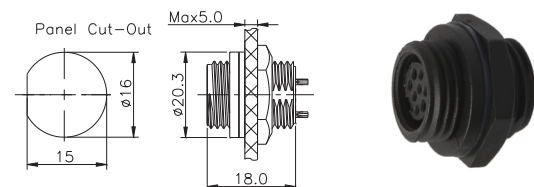


Contact	Wire Gauge	Cable	Cable Range	Size	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
4	0.823mm ²	18AWG	3.5-6.8	46x19mmØ	IP68	-45 ~ +105	125V	10A	55	22004411-01
6	0.519mm ²	20AWG	3.5-6.8	46x19mmØ	IP68	-45 ~ +105	60V	5A	55	22006411-01
2+6	0.519mm ² *2C + 0.34mm ² *6C	20AWG*2C + 22AWG*6C	3.5-6.8	46x19mmØ	IP68	-45 ~ +105	30V	5A+2A	55	22206411-01

STANDARD SERIES SOCKET SCREW

REAR PANEL MOUNT - FEMALE PINS

Standard circular connectors. Field installable. Solder pins. Screw type plug secure system. All the products are manufactured with high quality materials to meet the various requirements of different environments, the plastic material used is high performance PA66. The contact surface is gold-plated with 4u"-20u", its superior mechanical properties ensure long effective application with insert and extract lifetime up to 3000 times. Good performance in waterproof.



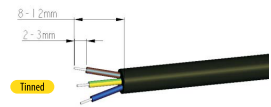
Contact	Wire Gauge	Panel Thickness	Hole	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
2	0.823mm ²	Max. 5.0mm	16mmØ	IP68	-45 ~ +105	300V	10A	49	22002615-03
3	0.823mm ²	Max. 5.0mm	16mmØ	IP68	-45 ~ +105	300V	10A	49	22003615-03
4	0.823mm ²	Max. 5.0mm	16mmØ	IP68	-45 ~ +105	125V	10A	49	22004615-03
5	0.519mm ²	Max. 5.0mm	16mmØ	IP68	-45 ~ +105	60V	5A	49	22005615-03
6	0.519mm ²	Max. 5.0mm	16mmØ	IP68	-45 ~ +105	60V	5A	49	22006615-03
2+4	0.823mm ² *2C + 0.519mm ² *4C	Max. 5.0mm	16mmØ	IP68	-45 ~ +105	60V	10A+2A	49	22204615-03
2+6	0.519mm ² *2C + 0.34mm ² *6C	Max. 5.5mm	16mmØ	IP68	-45 ~ +105	30V	5A+2A	49	22206615-03

STANDARD SERIES PUSH LOCK

PUSH LOCK SYSTEM FOR SECURE AND FAST CONNECTION

- Standard circular connectors from Chogori. Field installable. Solder pins.
- Designed to withstand harsh industrial and climatic environment, its superior quality ensures reliable connection for the higher standards and reliability of industrial machinery and equipment, marine electronics, LED display of power and signal control components, etc.
- This high quality connector can insert and withdraw simply and quickly. Addition to the lock bayonet and screw type docking type, the push-locking connection can also be simple and fast plug in and out.
- Pins from 2 to 12 can satisfy the various requirements of different customers.
- All the products are manufactured with high quality materials to meet the various requirements of different environments, the plastic material used is high performance PA66. Male pins used is excellent mechanical properties of phosphor bronze assembly with good electrical conductivity brass. The contact surface is gold-plated with 4u"-20u"
- Superior mechanical properties ensure long effective application with insert and extract lifetime up to 3000 times.
- Good performance in waterproof, 5 sealing structure making its ingress rating reach IP68 standards.

Strip and prepare Cable.



Thread Seals Nut, Seals Ring, Clamp Ring and Gasket onto the cable.



Solder wire



Put Seals Ring to the end of Clamp Ring



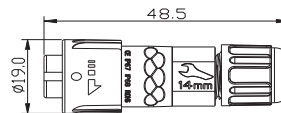
Assemble Seals Nut and Clamp Ring.



STANDARD SERIES PLUG PUSH LOCK

MALE PUSH LOCK - FEMALE PINS

Standard circular connectors. Field installable. Solder pins. Push Lock type plug secure system. Designed to withstand harsh industrial and climatic environment, its superior quality ensures reliable connection for the higher standards and reliability. The plastic material used is high performance PA66. The contact surface is gold-plated. Its superior mechanical properties ensure long effective application with insert and extract lifetime up to 3000 times. Good performance in waterproof ingress rating of up to IP68 standards.

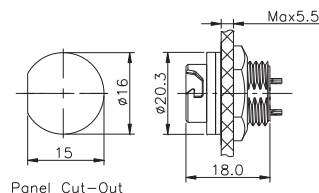


Contact	Wire Gauge	Cable	Cable Range	Size	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
2	0.823mm ²	18AWG	3.5-6.8	48x19mmØ	IP67	-45 ~ +105	300V	10A	44	22002231-01
3	0.823mm ²	18AWG	3.5-6.8	48x19mmØ	IP67	-45 ~ +105	300V	10A	44	22003231-01
4	0.823mm ²	18AWG	3.5-6.8	48x19mmØ	IP67	-45 ~ +105	125V	10A	44	22004231-01
5	0.519mm ²	20AWG	3.5-6.8	48x19mmØ	IP67	-45 ~ +105	60V	5A	44	22005231-01
6	0.519mm ²	20AWG	3.5-6.8	48x19mmØ	IP67	-45 ~ +105	60V	5A	44	22006231-01
2+4	0.823mm ² *2C + 0.519mm ² *4C	18AWG*2C + 20AWG*4C	3.5-6.8	48x19mmØ	IP67	-45 ~ +105	60V	10A+5A	44	22204231-01
3+4	0.823mm ² *3C + 0.519mm ² *4C	18AWG*3C + 20AWG*4C	3.5-6.8	48x19mmØ	IP67	-45 ~ +105	60V	10A+2A	44	22304231-01
8	0.519mm ²	20AWG	3.5-6.8	48x19mmØ	IP67	-45 ~ +105	60V	5A	44	22008231-01

STANDARD SERIES SOCKET PUSH LOCK

REAR PANEL MOUNT - MALE PINS

Standard circular connectors. Field installable. Solder pins. Push Lock type plug secure system. This high quality connector can insert and withdraw simply and quickly. All the products are manufactured with high quality materials to meet the various requirements of different environments, the plastic material used is high performance PA66. Male pins used is excellent mechanical properties of phosphor bronze assembly with good electrical conductivity brass. The contact surface is gold-plated with 4u"-20u". Good performance in waterproof.



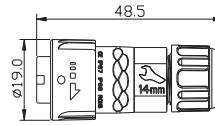
Contact	Wire Gauge	Cable	Panel Thickness	Hole	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
2	0.823mm ²	18AWG	Max. 5.0mm	16mmØ	IP67	-45 ~ +105	300V	10A	43	22002535-03
3	0.823mm ²	18AWG	Max. 5.0mm	16mmØ	IP67	-45 ~ +105	300V	10A	43	22003535-03
4	0.823mm ²	18AWG	Max. 5.0mm	16mmØ	IP67	-45 ~ +105	125V	10A	43	22004535-03
5	0.519mm ²	20AWG	Max. 5.0mm	16mmØ	IP67	-45 ~ +105	60V	5A	43	22005535-03
6	0.519mm ²	20AWG	Max. 5.0mm	16mmØ	IP67	-45 ~ +105	60V	5A	43	22006535-03
2+4	0.823mm ² *2C + 0.519mm ² *4C	18AWG*2C + 20AWG*4C	Max. 5.0mm	16mmØ	IP67	-45 ~ +105	60V	10A+5A	43	22204535-03
8	0.519mm ²	20AWG	Max. 5.5mm	16mmØ	IP67	-45 ~ +105	60V	5A	43	22008535-03



STANDARD SERIES PLUG PUSH LOCK

MALE PUSH LOCK - MALE PINS

Blue capped indicates Push Lock gender not compatible with yellow. Standard circular connectors. Field installable. Solder pins. Push Lock type plug secure system. Designed to withstand harsh industrial and climatic environment. This high quality connector can insert and withdraw simply and quickly. All the products are manufactured with high quality materials to meet the various requirements of different environments, the plastic material used is high performance PA66, male pins used is excellent mechanical properties of phosphor bronze assembly with good electrical conductivity brass. The contact surface is gold-plated with 4u"-20u".

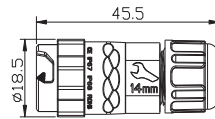


Contact	Wire Gauge	Cable	Cable Range	Size	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
2	0.823mm ²	18AWG	3.5-6.8	48x19mmØ	IP67	-45 ~ +105	300V	10A	50	22002131-01
3	0.823mm ²	18AWG	3.5-6.8	48x19mmØ	IP67	-45 ~ +105	300V	10A	50	22003131-01
4	0.823mm ²	18AWG	3.5-6.8	48x19mmØ	IP67	-45 ~ +105	125V	10A	50	22004131-01
5	0.519mm ²	20AWG	3.5-6.8	48x19mmØ	IP67	-45 ~ +105	60V	5A	50	22005131-01
6	0.519mm ²	20AWG	3.5-6.8	48x19mmØ	IP67	-45 ~ +105	60V	5A	50	22006131-01
2+4	0.823mm ² *2C + 0.519mm ² *4C	18AWG*2C + 20AWG*4C	3.5-6.8	48x19mmØ	IP67	-45 ~ +105	60V	10A+2A	50	22204131-01
2+6	0.519mm ² *2C + 0.34mm ² *6C	20AWG*2C + 22AWG*6C	3.5-6.8	48x19mmØ	IP67	-45 ~ +105	30V	5A+2A	50	22206131-01

STANDARD SERIES INLINE PLUG PUSH LOCK

FEMALE PUSH LOCK - FEMALE PINS

Standard circular connectors. Field installable. Solder pins. Push Lock type plug secure system. All the products are manufactured with high quality materials to meet the various requirements of different environments, the plastic material used is high performance PA66. The contact surface is gold-plated with 4u"-20u", its superior mechanical properties ensure long effective application with insert and extract lifetime up to 3000 times. Good performance in waterproof sealing structure making its ingress rating reach up to IP67 standards.

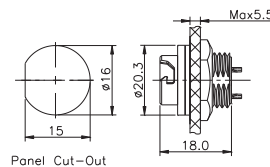


Contact	Wire Gauge	Cable	Cable Range	Size	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
2	0.823mm ²	18AWG	3.5-6.8	46x19mmØ	IP67	-45 ~ +105	300V	10A	55	22002431-01
4	0.823mm ²	18AWG	3.5-6.8	46x19mmØ	IP67	-45 ~ +105	125V	10A	55	22004431-01
5	0.519mm ²	20AWG	3.5-6.8	46x19mmØ	IP67	-45 ~ +105	60V	5A	55	22005431-01
2+6	0.519mm ² *2C + 0.34mm ² *6C	20AWG*2C + 22AWG*6C	3.5-6.8	46x19mmØ	IP67	-45 ~ +105	30V	5A+2A	55	22206431-01

STANDARD SERIES SOCKET PUSH LOCK

REAR PANEL MOUNT - FEMALE PINS

Blue capped indicates Push Lock gender not compatible with yellow. Standard circular connectors. Field installable. Solder pins. Push Lock type plug secure system. Designed to withstand harsh industrial and climatic environment. This high quality connector can insert and withdraw simply and quickly. The plastic material used is high performance PA66. The contact surface is gold-plated with 4u"-20u", its superior mechanical properties ensure long effective application with insert and extract lifetime up to 3000 times. Good performance in waterproof, 5 sealing structure making its ingress rating reach up to IP67 standards.



Contact	Wire Gauge	Panel Thickness	Hole	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
2	0.823mm ²	Max. 5.0mm	16mmØ	IP67	-45 ~ +105	300V	10A	49	22002635-03
3	0.823mm ²	Max. 5.0mm	16mmØ	IP67	-45 ~ +105	300V	10A	49	22003635-03
4	0.823mm ²	Max. 5.0mm	16mmØ	IP67	-45 ~ +105	125V	10A	49	22004635-03
5	0.519mm ²	Max. 5.0mm	16mmØ	IP67	-45 ~ +105	60V	5A	49	22005635-03
6	0.519mm ²	Max. 5.0mm	16mmØ	IP67	-45 ~ +105	60V	5A	49	22006635-03
2+4	0.823mm ² *2C + 0.519mm ² *4C	Max. 5.5mm	16mmØ	IP67	-45 ~ +105	60V	10A+2A	49	22204635-03

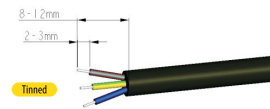
Chogori Middle Series

MIDDLE SERIES SCREW

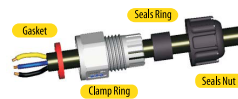
SCREW TYPE FOR EXCELLENT WEATHER PROOFING

- The Middle Series Connector is designed for application in harsh industrial and climatic environments. Its superior quality can ensure a reliable connection for industrial machinery and equipment, marine electronics, power and signal control elements, etc.
- The Middle Series Connector products are manufactured with high quality materials to meet the various requirements of different environments. The plastic material used is high performance PA66. Copper pins used have the excellent mechanical properties of a phosphor bronze assembly with the good electrical conductivity of brass. The connector can insert and extract up to 3000 times or more.
- The Middle Series Connectors have good performance in waterproofing, their rating can reach IP67 and IP68 standards, thus are ideal for indoor and outdoor harsh working environments.
- The Middle Series Connectors are a professional, neat and functional solution available in screw plug or quick push lock types.
- Larger plugs allow higher wattage transfer up to 20A x 300V.
- Larger plugs give positive action when in outdoor environments.

Strip and prepare Cable.



Thread Seals Nut, Seals Ring, Clamp Ring and Gasket onto the cable.



Solder wire.



Put Seals Ring to the end of Clamp Ring.



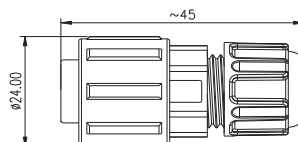
Assemble Seals Nut and Clamp Ring.



MIDDLE SERIES PLUG SCREW

FEMALE SOCKET

Middle connector is designed to apply in harsh industrial and climatic environment, its superior quality can ensure a reliable connection for industrial machinery and equipment, marine electronics, LED screen power and signal control elements. Manufactured with high quality materials to meet the various requirements of different environments, the plastic material used is high performance PA66. Middle type connector has a good performance in waterproof, its waterproof rating can reach IP68 standards, thus it is ideal for indoor and outdoor harsh working environments.

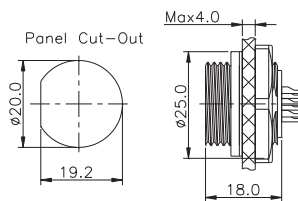


Contact	Wire Gauge	Cable	Cable Range	Size	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
2	2.5mm ²	14AWG	6.5-9.5	45x24mmØ	IP68	-45 ~ +105	300V	20A	63	23002211-02
3	2.5mm ²	14AWG	6.5-9.5	45x24mmØ	IP68	-45 ~ +105	300V	20A	63	23003211-02
4	1.0mm ²	17AWG	6.5-9.5	45x24mmØ	IP68	-45 ~ +105	300V	15A	63	23004211-02
5	0.75mm ²	18AWG	6.5-9.5	45x24mmØ	IP68	-45 ~ +105	125V	10A	63	23005211-02
6	0.75mm ²	18AWG	6.5-9.5	45x24mmØ	IP68	-45 ~ +105	125V	10A	63	23006211-02
8	0.34mm ²	22AWG	6.5-9.5	45x24mmØ	IP68	-45 ~ +105	60V	5A	63	23008211-02
3+5	1.00mm ² *3C + 0.25mm ² *5C	17AWG *3C + 24AWG *5C	6.5-9.5	45x24mmØ	IP68	-45 ~ +105	125+30V	15A+2A	63	23305211-02

MIDDLE SERIES SOCKET SCREW

FEMALE SCREW TYPE REAR PANEL MOUNT - FEMALE PINS

Mounting screw is attached to the back of the chassis panel. Middle connector has superior quality to ensure a reliable connection. These products are manufactured with high quality materials to meet the various requirements of different environments, the plastic material used is high performance PA66, copper needles used have the excellent mechanical properties of phosphor bronze assembly with good electrical conductivity brass. Waterproof rating can reach IP68 standards, thus it is ideal for harsh working environments.



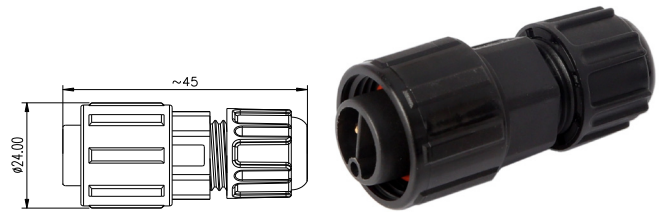
Contact	Wire Gauge	Cable	Panel Thickness	Hole	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
2	2.5mm ²	14AWG	Max. 4.0mm	20mmØ	IP68	-45 ~ +105	300V	20A	68	23002615-03
3	2.5mm ²	14AWG	Max. 4.0mm	20mmØ	IP68	-45 ~ +105	300V	20A	68	23003615-03
4	1.0mm ²	17AWG	Max. 4.0mm	20mmØ	IP68	-45 ~ +105	300V	15A	68	23004615-03
5	0.75mm ²	18AWG	Max. 4.0mm	20mmØ	IP68	-45 ~ +105	125V	10A	68	23005615-03
6	0.75mm ²	18AWG	Max. 4.0mm	20mmØ	IP68	-45 ~ +105	125V	10A	68	23006615-03
7	0.34mm ²	22AWG	Max. 4.0mm	20mmØ	IP68	-45 ~ +105	60V	5A	68	23007615-03
8	0.34mm ²	22AWG	Max. 4.0mm	20mmØ	IP68	-45 ~ +105	60V	5A	68	23008615-03
3+5	1.00mm ² *3C + 0.25mm ² *5C	17AWG *3C + 24AWG *5C	Max. 4.0mm	20mmØ	IP68	-45 ~ +105	125 + 30V	15A + 2A	68	23305615-03



MIDDLE SERIES PLUG SCREW

MALE PINS

All the Middle products are manufactured with high quality materials to meet the various requirements of different environments, the plastic material used is high performance PA66, copper needles used is excellent mechanical properties of phosphor bronze assembly with good electrical conductivity brass. Middle type connector has a good performance in waterproof, its waterproof rating can reach IP68 and IP68 standards, thus it is ideal for indoor and outdoor harsh working environments. The connector can insert / extract 3000 times or more.

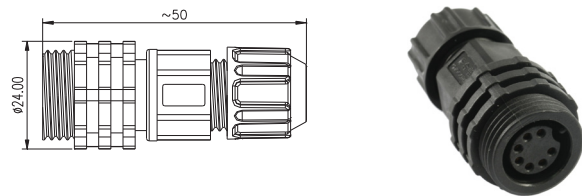


Contact	Wire Gauge	Cable	Cable Range	Size	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
2	2.5mm ²	14AWG	6.5-9.5	45x24mmØ	IP68	-45 ~ +105	300V	20A	69	23002111-02
3	2.5mm ²	14AWG	6.5-9.5	45x24mmØ	IP68	-45 ~ +105	300V	20A	69	23003111-02
4	1.0mm ²	17AWG	6.5-9.5	45x24mmØ	IP68	-45 ~ +105	300V	15A	69	23004111-02
5	0.75mm ²	18AWG	6.5-9.5	45x24mmØ	IP68	-45 ~ +105	125V	10A	69	23005111-02
6	0.75mm ²	18AWG	6.5-9.5	45x24mmØ	IP68	-45 ~ +105	125V	10A	69	23006111-02
7	0.34mm ²	22AWG	6.5-9.5	45x24mmØ	IP68	-45 ~ +105	60V	5A	69	23007111-02
8	0.34mm ²	22AWG	6.5-9.5	45x24mmØ	IP68	-45 ~ +105	60V	5A	69	23008111-02
3+5	1.00mm ² *3C + 0.25mm ² *5C	17AWG *3C + 24AWG *5C	6.5-9.5	45x24mmØ	IP68	-45 ~ +105	125 + 30V	15A + 2A	69	23305111-02

MIDDLE SERIES INLINE PLUG SCREW

FEMALE SCREW - FEMALE PINS

Middle connector is designed to apply in harsh industrial and climatic environment, its superior quality can ensure a reliable connection for industrial machinery and equipment, marine electronics, power and signal control elements, etc. All the Middle products are manufactured with high quality materials to meet the various requirements of different environments, the plastic material used is high performance PA66. Waterproof rating can reach IP68 standards, thus it is ideal for indoor and outdoor harsh working environments. The connector can insert and extract up to 3000 times or more.



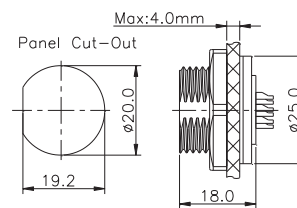
Contact	Wire Gauge	Cable	Cable Range	Size	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
2	2.5mm ²	14AWG	6.5-9.5	50x24mmØ	IP68	-45 ~ +105	300V	20A	74	23002411-02
3	2.5mm ²	14AWG	6.5-9.5	50x24mmØ	IP68	-45 ~ +105	300V	20A	74	23003411-02
4	1.0mm ²	17AWG	6.5-9.5	50x24mmØ	IP68	-45 ~ +105	300V	15A	74	23004411-02
5	0.75mm ²	18AWG	6.5-9.5	50x24mmØ	IP68	-45 ~ +105	125V	10A	74	23005411-02
6	0.75mm ²	18AWG	6.5-9.5	50x24mmØ	IP68	-45 ~ +105	125V	10A	74	23006411-02
7	0.34mm ²	22AWG	6.5-9.5	50x24mmØ	IP68	-45 ~ +105	60V	5A	74	23007411-02
3+5	1.00mm ² *3C + 0.25mm ² *5C	17AWG *3C + 24AWG *5C	6.5-9.5	50x24mmØ	IP68	-45 ~ +105	125 + 30V	15A + 2A	74	23305411-02

MIDDLE SERIES SOCKET SCREW

FRONT PANEL MOUNT - MALE PINS

Mounting screw is attached to the front of the chassis panel.

All the Middle series products are manufactured with high quality materials to meet the various requirements of different environments, the plastic material used is high performance PA66, copper needles used is excellent mechanical properties of phosphor bronze assembly with good electrical conductivity brass. Middle type connector has a good performance in waterproofing, can reach IP68 standards, thus it is ideal for indoor and outdoor harsh working environments. The connector can insert / extract 3000 times or more.

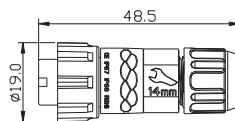


Contact	Wire Gauge	Panel Thickness	Hole	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
2	2.5mm ²	Max 4.0mm	20mmØ	IP68	-45 ~ +105	300V	20A	63	23002515-01
3	2.5mm ²	Max 4.0mm	20mmØ	IP68	-45 ~ +105	300V	20A	63	23003515-01
4	1.0mm ²	Max 4.0mm	20mmØ	IP68	-45 ~ +105	300V	15A	63	23004515-01
5	0.75mm ²	Max 4.0mm	20mmØ	IP68	-45 ~ +105	125V	10A	63	23005515-01
6	0.75mm ²	Max 4.0mm	20mmØ	IP68	-45 ~ +105	125V	10A	63	23006515-01
8	0.34mm ²	Max 4.0mm	20mmØ	IP68	-45 ~ +105	60V	5A	63	23008515-01

STANDARD SERIES PLUG LOCK BAYONET

MALE PINS

Standard circular connectors. Field installable. Solder pins. Lock bayonet type plug secure system. Designed to withstand harsh industrial and climatic environment, its superior quality ensures reliable connection for the higher standards and reliability of industrial machinery, marine electronics, power and signal control components, etc. Plastic material used is high performance PA66. Male pins used is excellent mechanical properties of phosphor bronze assembly with good electrical conductivity brass. The contact surface is gold-plated with 4u"-20u", its superior mechanical properties ensure long effective application with insert and extract lifetime up to 3000 times.

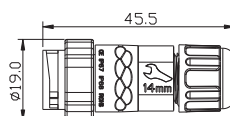


Contact	Wire Gauge	Cable	Cable Range	Size	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
2	0.823mm ²	18AWG	3.5mm-6.8mm	48x19mmØ	IP67	-45 ~ +105	300V	10A	50	22002121-01
3	0.823mm ²	18AWG	3.5mm-6.8mm	48x19mmØ	IP67	-45 ~ +105	300V	10A	50	22003121-01
4	0.823mm ²	18AWG	3.5mm-6.8mm	48x19mmØ	IP67	-45 ~ +105	125V	10A	50	22004121-01
5	0.519mm ²	20AWG	3.5mm-6.8mm	48x19mmØ	IP67	-45 ~ +105	60V	5A	50	22005121-01
6	0.519mm ²	20AWG	3.5mm-6.8mm	48x19mmØ	IP67	-45 ~ +105	60V	5A	50	22006121-01
2+4	0.823mm ² *2C + 0.519mm ² *4C	18AWG*2C + 20AWG*4C	3.5mm-6.8mm	48x19mmØ	IP67	-45 ~ +105	60V	10A+2A	50	22204121-01
2+6	0.519mm ² *2C + 0.34mm ² *6C	20AWG*2C + 22AWG*6C	3.5mm-6.8mm	48x19mmØ	IP67	-45 ~ +105	30V	5A+2A	50	22206121-01

STANDARD SERIES INLINE PLUG LOCK BAYONET

FEMALE SOCKET

Standard circular connectors. Field installable. Solder pins. Lock bayonet type plug secure system. Designed to withstand harsh industrial and climatic environment, its superior quality ensures reliable connection for the higher standards and reliability of industrial machinery, marine electronics, power and signal control components, etc. Plastic material used is high performance PA66. Male pins used is excellent mechanical properties of phosphor bronze assembly with good electrical conductivity brass. The contact surface is gold-plated with 4u"-20u", its superior mechanical properties ensure long effective application with insert and extract lifetime up to 3000 times.

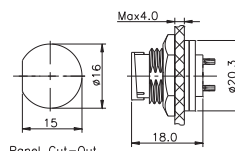


Contact	Wire Gauge	Cable	Cable Range	Size	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
2	0.823mm ²	18AWG	3.5-6.8mm	46x19mmØ	IP67	-45 ~ +105	300V	10A	55	22002421-01
3	0.823mm ²	18AWG	3.5-6.8mm	46x19mmØ	IP67	-45 ~ +105	300V	10A	55	22003421-01
4	0.823mm ²	18AWG	3.5-6.8mm	46x19mmØ	IP67	-45 ~ +105	125V	10A	55	22004421-01
5	0.519mm ²	20AWG	3.5-6.8mm	46x19mmØ	IP67	-45 ~ +105	60V	5A	55	22005421-01
6	0.519mm ²	20AWG	3.5-6.8mm	46x19mmØ	IP67	-45 ~ +105	60V	5A	55	22006421-01
2+4	0.823mm ² *2C + 0.519mm ²	18AWG*2C + 20AWG*4C	3.5-6.8mm	46x19mmØ	IP67	-45 ~ +105	60V	10A+2A	55	22204421-01
2+6	0.519mm ² *2C + 0.34mm ² *6C	20AWG*2C + 22AWG*6C	3.5-6.8mm	46x19mmØ	IP67	-45 ~ +105	30V	5A+2A	55	22206421-01

STANDARD SERIES FRONT PANEL LOCK BAYONET

FRONT PANEL MOUNT - FEMALE SOCKET

Standard circular connectors. Field installable. Solder pins. Lock bayonet type plug secure system. Designed to withstand harsh industrial and climatic environment, its superior quality ensures reliable connection for the higher standards and reliability of industrial machinery, marine electronics, power and signal control components, etc. Plastic material used is high performance PA66,. Male pins used is excellent mechanical properties of phosphor bronze assembly with good electrical conductivity brass. The contact surface is gold-plated with 4u"-20u", its superior mechanical properties ensure long effective application with insert and extract lifetime up to 3000 times.



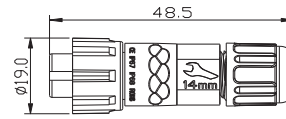
Contact	Wire Gauge	Panel Thickness	Hole	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
2	0.823mm ²	Max. 4.0mm	16mmØ	IP67	-45 ~ +105	300V	10A	47	22002625-01
3	0.823mm ²	Max. 4.0mm	16mmØ	IP67	-45 ~ +105	300V	10A	47	22003625-01
4	0.823mm ²	Max. 4.0mm	16mmØ	IP67	-45 ~ +105	125V	10A	47	22004625-01
5	0.519mm ²	Max. 4.0mm	16mmØ	IP67	-45 ~ +105	60V	5A	47	22005625-01
6	0.519mm ²	Max. 4.0mm	16mmØ	IP67	-45 ~ +105	60V	5A	47	22006625-01
2+4	0.823mm ² *2C + 0.519mm ² *4C	Max. 3.0mm	16mmØ	IP67	-45 ~ +105	60V	10A+2A	47	22204625-01
2+6	0.823mm ² *3C + 0.519mm ² *4C	Max. 3.0mm	16mmØ	IP67	-45 ~ +105	30V	5A+2A	47	22206625-01



STANDARD SERIES PLUG LOCK BAYONET

FEMALE SOCKET

Twist-on to lock bayonet plug Standard series 19mmØ
3.5-6.8mm Cable Entry Field installable version.

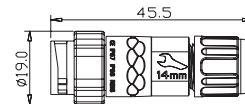


Contact	Wire Gauge	Cable	Cable Range	Size	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
2	0.823mm ²	18AWG	3.5-6.8mm	49x19mmØ	IP67	-45 to 105	300V	10A	44	22002221-01
3	0.823mm ²	18AWG	3.5-6.8mm	49x19mmØ	IP67	-45 to 105	300V	10A	44	22003221-01
4	0.823mm ²	18AWG	3.5-6.8mm	49x19mmØ	IP67	-45 to 105	125V	10A	44	22004221-01
5	0.519mm ²	20AWG	3.5-6.8mm	49x19mmØ	IP67	-45 to 105	60V	5A	44	22005221-01
6	0.519mm ²	20AWG	3.5-6.8mm	49x19mmØ	IP67	-45 to 105	60V	5A	44	22006221-01
8	0.519mm ²	20AWG	3.5-6.8mm	49x19mmØ	IP67	-45 to 105	60V	5A	44	22008221-01
10	0.33mm ²	22AWG	3.5-6.8mm	49x19mmØ	IP67	-45 to 105	60V	2A	44	22010221-01
12	0.33mm ²	22AWG	3.5-6.8mm	49x19mmØ	IP67	-45 to 105	60V	2A	44	22012221-01
2+4	0.823mm ² *2C + 0.519mm ² *4C	18AWG*2C + 20AWG*4C	3.5-6.8mm	49x19mmØ	IP67	-45 to 105	30V	10A+5A	44	22204221-01
3+4	0.823mm ² *3C + 0.519mm ² *4C	18AWG*3C + 20AWG*4C	3.5-6.8mm	49x19mmØ	IP67	-45 to 105	30V	10A+2A	44	22304221-01

STANDARD SERIES INLINE PLUG LOCK BAYONET

MALE PINS

Twist-on to lock bayonet plug Standard series 19mmØ
3.5-6.8mm Cable Entry Field installable version.

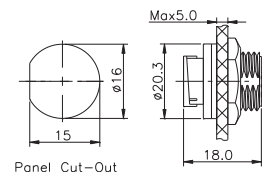


Contact	Wire Gauge	Cable	Cable Range	Size	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
2	0.823mm ²	18AWG	3.5-6.8	3.5-6.8	IP67	-45 ~ +105	300V	10A	53	22002321-01
3	0.823mm ²	18AWG	3.5-6.8	3.5-6.8	IP67	-45 ~ +105	300V	10A	53	22003321-01
4	0.823mm ²	18AWG	3.5-6.8	3.5-6.8	IP67	-45 ~ +105	125V	10A	53	22004321-01
5	0.519mm ²	20AWG	3.5-6.8	3.5-6.8	IP67	-45 ~ +105	60V	5A	53	22005321-01
6	0.519mm ²	20AWG	3.5-6.8	3.5-6.8	IP67	-45 ~ +105	60V	5A	53	22006321-01
8	0.519mm ²	20AWG	3.5-6.8	3.5-6.8	IP67	-45 ~ +105	60V	5A	53	22008321-01
10	0.33mm ²	22AWG	3.5-6.8	3.5-6.8	IP67	-45 ~ +105	60V	2A	53	22010321-01
12	0.33mm ²	22AWG	3.5-6.8	3.5-6.8	IP67	-45 ~ +105	60V	2A	53	22012321-01
2+4	0.823mm ² *2C + 0.519mm ² *4C	18AWG*2C + 20AWG*4C	3.5-6.8	3.5-6.8	IP67	-45 ~ +105	30V	10A+5A	53	22204321-01
3+4	0.823mm ² *3C + 0.519mm ² *4C	18AWG*3C + 20AWG*4C	3.5-6.8	3.5-6.8	IP67	-45 ~ +105	30V	10A+2A	53	22304321-01

STANDARD SERIES REAR PANEL LOCK BAYONET

REAR PANEL MOUNT - MALE PINS

Twist-on to lock bayonet chassis mount Standard series
Screw fixing behind panel with rubber grommet. Solder back.



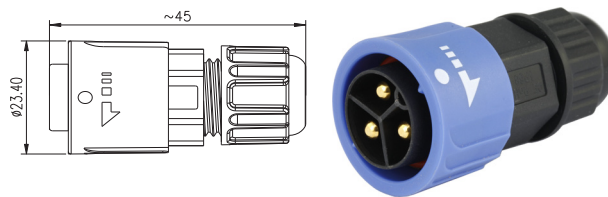
Contact	Wire Gauge	Panel Thickness	Hole	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
2	0.823mm ²	Max. 5.0mm	16mmØ	IP67	-45 ~ +105	300V	10A	43	22002525-03
3	0.823mm ²	Max. 5.0mm	16mmØ	IP67	-45 ~ +105	300V	10A	43	22003525-03
4	0.823mm ²	Max. 5.0mm	16mmØ	IP67	-45 ~ +105	125V	10A	43	22004525-03
5	0.519mm ²	Max. 5.0mm	16mmØ	IP67	-45 ~ +105	60V	5A	43	22005525-03
6	0.519mm ²	Max. 5.0mm	16mmØ	IP67	-45 ~ +105	60V	5A	43	22006525-03
8	0.519mm ²	Max. 5.0mm	16mmØ	IP67	-45 ~ +105	60V	5A	43	22008525-03
10	0.3319mm ²	Max. 5.5mm	16mmØ	IP67	-45 ~ +105	30V	2A	43	22010525-03
12	0.3319mm ²	Max. 5.5mm	16mmØ	IP67	-45 ~ +105	30V	2A	43	22012525-03
2+4	0.823mm ² *2C + 0.519mm ² *4C	Max. 5.0mm	16mmØ	IP67	-45 ~ +105	60V	10A+5A	43	22204525-03
3+4	0.823mm ² *3C + 0.519mm ² *4C	Max. 5.0mm	16mmØ	IP67	-45 ~ +105	60V	10A+2A	43	22304525-03

Chogori Middle Series

MIDDLE SERIES PLUG PUSH LOCK

MALE PUSH LOCK - MALE PINS

Simple push to lock plug insertion, then twist and pull to release. The mounting screw is attached to the front of the chassis panel. Middle connector is designed to apply in harsh industrial and climatic environment, its superior quality can ensure a reliable connection. This high-quality connector is self-locking when plugged into its mate, making insertion and extraction simple and quick. The plastic material used is high performance PA66, copper needles used is excellent mechanical properties of phosphor bronze assembly with good electrical conductivity brass.

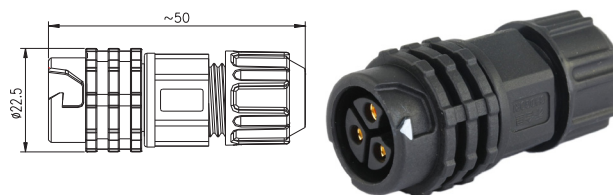


Contact	Wire Gauge	Cable	Cable Range	Size	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
2	2.5mm ²	14AWG	6.5-9.5	45x24mmØ	IP67	-45 ~ +105	300V	20A	69	23002131-02
3	2.5mm ²	14AWG	6.5-9.5	45x24mmØ	IP67	-45 ~ +105	300V	20A	69	23003131-02
4	1.0mm ²	17AWG	6.5-9.5	45x24mmØ	IP67	-45 ~ +105	300V	15A	69	23004131-02
5	0.75mm ²	18AWG	6.5-9.5	45x24mmØ	IP67	-45 ~ +105	125V	10A	69	23005131-02
6	0.75mm ²	18AWG	6.5-9.5	45x24mmØ	IP67	-45 ~ +105	125V	10A	69	23006131-02
7	0.34mm ²	22AWG	6.5-9.5	45x24mmØ	IP67	-45 ~ +105	60V	5A	69	23007131-02
8	0.34mm ²	22AWG	6.5-9.5	45x24mmØ	IP67	-45 ~ +105	60V	5A	69	23008131-02
3+5	1.00mm ² *3C + 0.25mm ² *5C	17AWG *3C + 24AWG *5C	6.5-9.5	45x24mmØ	IP67	-45 ~ +105	125 + 30V	15A + 2A	69	23305131-02

MIDDLE SERIES INLINE PLUG PUSH LOCK

FEMALE PUSH LOCK - FEMALE SOCKET

In-line socket solution with push to lock action for cable extension. This high-quality connector can self-locking when they plug into its mate ,making insertion and extraction quick so other industrial machinery input and output devices can be easily replaced. All the Middle products are manufactured with high quality materials, the plastic material used is high performance PA66, copper needles used is excellent mechanical properties of phosphor bronze assembly with good electrical conductivity brass. The connector can insert and extract up to 3000 times or more.

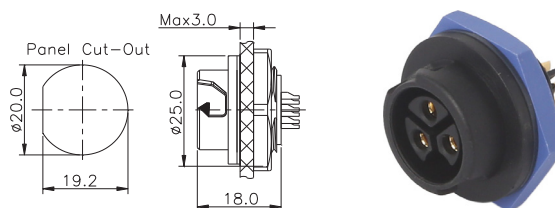


Contact	Wire Gauge	Cable	Cable Range	Size	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
2	2.5mm ²	14AWG	6.5-9.5	50x23mmØ	IP67	-45 ~ +105	300V	20A	74	23002431-02
3	2.5mm ²	14AWG	6.5-9.5	50x23mmØ	IP67	-45 ~ +105	300V	20A	74	23003431-02
4	1.0mm ²	17AWG	6.5-9.5	50x23mmØ	IP67	-45 ~ +105	300V	15A	74	23004431-02
6	0.75mm ²	18AWG	6.5-9.5	50x23mmØ	IP67	-45 ~ +105	125V	10A	74	23006431-02
8	0.34mm ²	22AWG	6.5-9.5	50x23mmØ	IP67	-45 ~ +105	60V	5A	74	23008431-02

MIDDLE SERIES SOCKET PUSH LOCK

REAR PANEL MOUNT - FEMALE SOCKET

Simple push to lock plug insertion, then twist and pull to release. Mounting screw is attached to the front of the chassis panel. This high-quality connector can self-locking when they plug into its mate ,making insertion and extraction simple and quick. All the Middle products are manufactured with high quality materials to meet the various requirements of different environments, the plastic material used is high performance PA66, copper needles used is excellent mechanical properties of phosphor bronze assembly with good electrical conductivity brass.



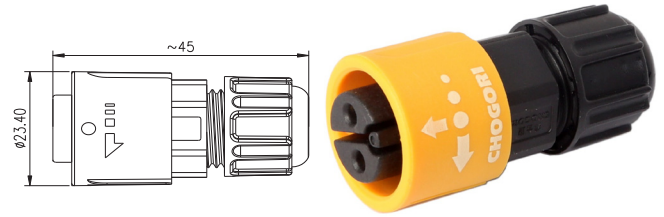
Contact	Wire Gauge	Cable	Panel Thickness	Hole	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
2	2.5mm ²	14AWG	Max. 4.0mm	20mmØ	IP67	-45 ~ +105	300V	20A	68	23002635-03
3	2.5mm ²	14AWG	Max. 4.0mm	20mmØ	IP67	-45 ~ +105	300V	20A	68	23003635-03
4	1.0mm ²	17AWG	Max. 4.0mm	20mmØ	IP67	-45 ~ +105	300V	15A	68	23004635-03
5	0.75mm ²	18AWG	Max. 4.0mm	20mmØ	IP67	-45 ~ +105	125V	10A	68	23005635-03
6	0.75mm ²	18AWG	Max. 4.0mm	20mmØ	IP67	-45 ~ +105	125V	10A	68	23006635-03
7	0.34mm ²	22AWG	Max. 4.0mm	20mmØ	IP67	-45 ~ +105	60V	5A	68	23007635-03
8	0.34mm ²	22AWG	Max. 4.0mm	20mmØ	IP67	-45 ~ +105	60V	5A	68	23008635-03



MIDDLE SERIES PLUG PUSH LOCK

MALE PUSH LOCK - FEMALE PINS

Reversed pins for active signal, power or control configurations. Simple push to lock plug insertion, then twist and pull to release. Middle connector is designed to apply in harsh industrial and climatic environment, its superior quality can ensure a reliable connection for industrial machinery and equipment, marine electronics, power and signal control systems. This high-quality connector is self-locking when they plug into its mate. All the Middle products are manufactured with high quality materials to meet the various requirements of different environments. The connector can insert and extract up to 3000 times.

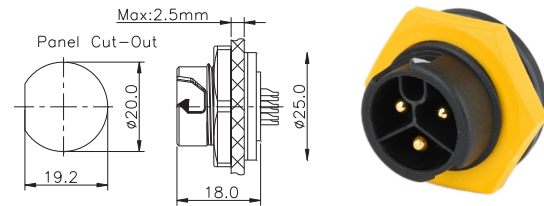


Contact	Wire Gauge	Cable	Cable Range	Size	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
2	2.5mm ²	14AWG	6.5-9.5	45x24mmØ	IP67	-45 ~ +105	300V	20A	63	23002231-02
3	2.5mm ²	14AWG	6.5-9.5	45x24mmØ	IP67	-45 ~ +105	300V	20A	63	23003231-02
4	1.0mm ²	17AWG	6.5-9.5	45x24mmØ	IP67	-45 ~ +105	300V	15A	63	23004231-02
5	0.75mm ²	18AWG	6.5-9.5	45x24mmØ	IP67	-45 ~ +105	125V	10A	63	23005231-02
6	0.75mm ²	18AWG	6.5-9.5	45x24mmØ	IP67	-45 ~ +105	125V	10A	63	23006231-02
8	0.34mm ²	22AWG	6.5-9.5	45x24mmØ	IP67	-45 ~ +105	60V	5A	63	23008231-02

MIDDLE SERIES SOCKET PUSH LOCK

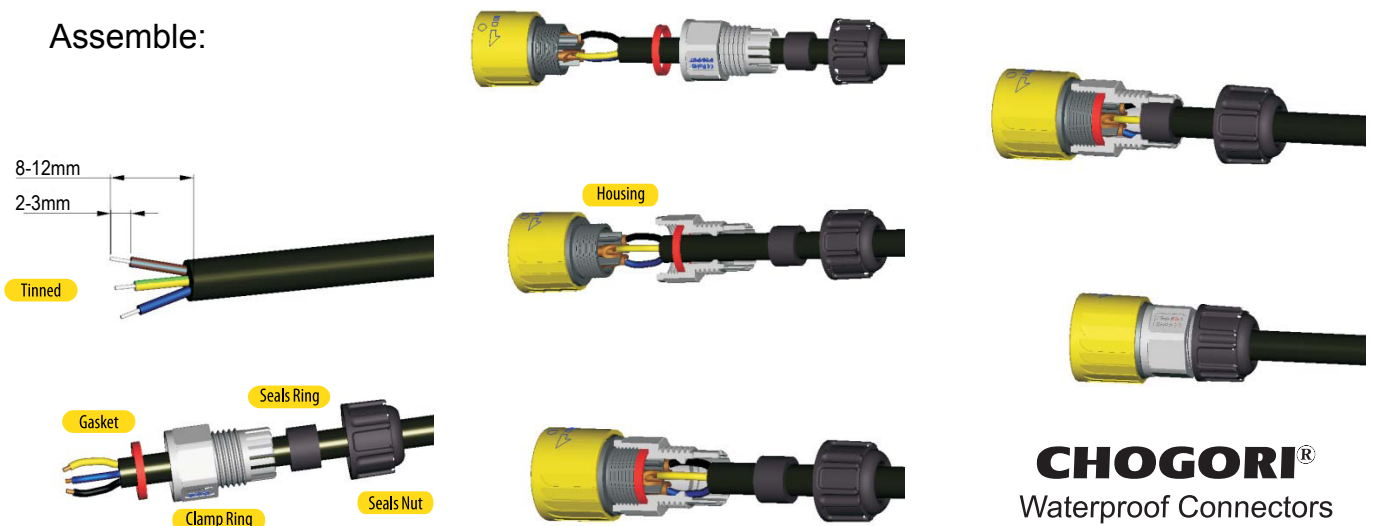
FEMALE PUSH LOCK - MALE PIN

Reversed pins for input signal, power or control configurations. Simple push to lock plug insertion, then twist and pull to release. Mounting screw is attached to the front of the chassis panel. This high-quality connector can self-locking when they plug into its mate, making insertion and extraction simply and quickly, so industrial machinery input and output devices can be quickly and easily replaced. All the Middle products are manufactured with high quality materials to meet the various requirements of different environments, copper needles used are phosphor bronze with low corrosion brass plating.



Contact	Wire Gauge	Cable	Panel Thickness	Hole	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
2	2.5mm ²	14AWG	Max 4.0mm	20mmØ	IP67	-45 ~ +105	300V	20A	59	23002535-01
3	2.5mm ²	14AWG	Max 4.0mm	20mmØ	IP67	-45 ~ +105	300V	20A	59	23003535-01
4	1.0mm ²	17AWG	Max 4.0mm	20mmØ	IP67	-45 ~ +105	300V	15A	59	23004535-01
5	0.75mm ²	18AWG	Max 4.0mm	20mmØ	IP67	-45 ~ +105	125V	10A	59	23005535-01
6	0.75mm ²	18AWG	Max 4.0mm	20mmØ	IP67	-45 ~ +105	125V	10A	59	23006535-01
8	0.34mm ²	22AWG	Max 4.0mm	20mmØ	IP67	-45 ~ +105	60V	5A	59	23008535-01
3+5	1.00mm ² *3C + 0.25mm ² *5C	17AWG *3C + 24AWG *5C	Max 4.0mm	20mmØ	IP67	-45 ~ +105	125+30V	15A+2A	59	23305535-01

Assemble:



CHOGORI®
Waterproof Connectors

Chogori Large Series

LARGE SERIES PUSH LOCK

WEATHER PROOF IP67

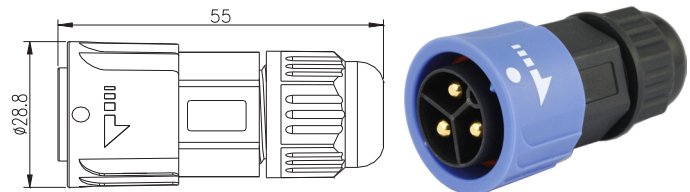
- The push-locking connector is simple and fast to plug in and out. Pins from 2 to 9, and additional 3+9 & 3+11. Installation type has nut, square flange and rhombus flange. What's more, the square flange is compatible with standard Amphenol® / Neutrik® installation holes.
- All the products are manufactured with high quality materials to meet the various requirements of different environments. The plastic material used is high performance PA66. Male pin used have excellent mechanical properties of phosphor bronze assembly with good electrical conductivity brass. Products have certificate by CE, UL, TUV and ROHS environmental protection requirements.
- Large series connector has good performance in waterproofing. Its waterproof rating can reach to IP67 standards. Thus it is ideal for indoor and outdoor harsh working environments. The connector can insert and withdraw to 3000 times or more, and ensure a reliable contact every time.



LARGE SERIES PLUG PUSH LOCK

MALE PUSH LOCK - MALE PINS

This Large series connector is blue capped to indicate a different pin gender for use where the signal is in another direction to the yellow capped versions. The push-locking connector is simple and fast to plug in and out. Pins from 2 to 9, and additional 3+9 & 3+11. The plastic material used is high performance PA66. Male pins uses the excellent mechanical properties of a phosphor bronze assembly with good electrical conductivity brass. Products have certificate by CE, UL, TUV and ROHS environmental protection requirements. Large series connector has good performance in waterproofing.

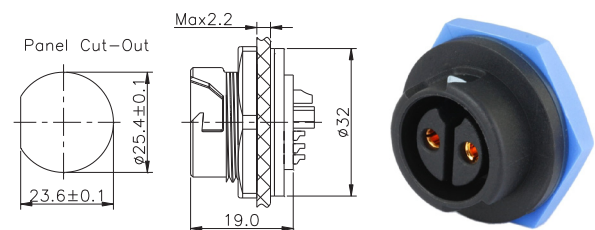


Contact	Wire Gauge	Cable	Cable Range	Size	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
2	4.0mm ²	12AWG	6.5-10.5	55x29mmØ	IP67	-45 ~ +105	300V	20A	92	24002131-02
3(20A)	4.0mm ²	12AWG	6.5-10.5	55x29mmØ	IP67	-45 ~ +105	300V	20A	92	24003131-02
3(50A)	8.4mm ²	8AWG	6.5-10.5	55x29mmØ	IP67	-45 ~ +105	300V	50A	92	24003131-04
9	0.75mm ²	18AWG	6.5-10.5	55x29mmØ	IP67	-45 ~ +105	125V	5A	92	24009131-02
3+9(FM)	2.5mm ² *3C + 0.2mm ² *9C	12AWG *3C + 24AWG *9C	6.5-10.5	55x29mmØ	IP67	-45 ~ +105	300V	20A+5A	92	24309131-02
3+11(FM)	2.5mm ² *3C + 0.2mm ² *11C	12AWG *3C + 24AWG *11C	6.5-10.5	55x29mmØ	IP67	-45 ~ +105	300V	20A+5A	92	24311131-02

LARGE SERIES SOCKET PUSH LOCK

FRONT PANEL MOUNT - FEMALE PINS

This Large series connector is blue capped to indicate a different pin gender for use where the signal is in another direction to the yellow capped versions. Simple push to lock plug insertion, then twist and pull to release. Mounting screw is attached to the front of the chassis panel. Excellent mechanical properties of phosphor bronze assembly with good electrical conductivity brass. It is ideal for indoor and outdoor harsh working environments. The connector can insert and withdraw to 3000 times or more, ensure a reliable contact every time.

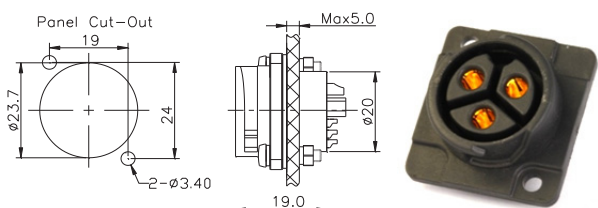


Contact	Wire Gauge	Cable	Panel Thickness	Hole	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
18	0.3mm ²	22AWG	Max 5.0mm	25mmØ	IP67	-45 ~ +105	125V	5A	85	24018635-01

LARGE SERIES SOCKET PUSH LOCK

SQUARE PANEL MOUNT - FEMALE PIN

Blue capped compatible. The push-locking connector is simple and fast to plug in and out. Pins from 2 to 9, and additional 3+9 & 3+11. The square flange is compatible with Amphenol® and Neutrik® installation holes. All the products are manufactured with high quality materials to meet the various requirements of different environments. The plastic material used is high performance PA66. Male pins used have excellent mechanical properties of phosphor bronze assembly with good electrical conductivity brass. Products have certificate by CE, UL, TUV and ROHS environmental protection requirements. The connector can insert and withdraw to 3000 times or more, ensure a reliable contact every time.



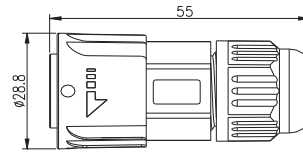
Contact	Wire Gauge	Cable	Panel Thickness	Hole	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
2	4.0mm ²	12AWG	Max 5.0mm	XLR	IP67	-45 ~ +105	300V	20A	86	24002636-01
3(20A)	4.0mm ²	12AWG	Max 5.0mm	XLR	IP67	-45 ~ +105	300V	20A	86	24003636-01



LARGE SERIES PLUG PUSH LOCK

MALE PUSH LOCK - FEMALE PINS

The push-locking connector is simple and fast to plug in and out. Simply align and push to connect with weatherproof IP67 security. Twist and pull to release for quick and easy swapping of plugs. All the products are manufactured with high quality materials to meet the various requirements of different environments, the plastic material used is high performance PA66, male pin used is excellent mechanical properties of phosphor bronze assembly with good electrical conductivity brass. Products have certificate by CE, UL, TUV and ROHS environmental protection requirements.

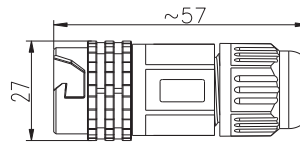


Contact	Wire Gauge	Cable	Cable Range	Size	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
2	4.0mm ²	12AWG	6.5-10.5	55x29mmØ	IP67	-45 ~ +105	300V	20A	87	24002231-02
3(20A)	4.0mm ²	12AWG	6.5-10.5	55x29mmØ	IP67	-45 ~ +105	300V	20A	87	24003231-02
3(50A)	8.4mm ²	8AWG	6.5-10.5	55x29mmØ	IP67	-45 ~ +105	300V	50A	87	24003231-04
9	0.75mm ²	18AWG	6.5-10.5	55x29mmØ	IP67	-45 ~ +105	125V	5A	87	24009231-02
3+9(FM)	2.5mm ² *3C + 0.2mm ² *9C	12AWG *3C + 24AWG *9C	6.5-10.5	55x29mmØ	IP67	-45 ~ +105	300V	20A+5A	87	24309231-02
3+11(FM)	2.5mm ² *3C + 0.2mm ² *11C	12AWG *3C + 24AWG *11C	6.5-10.5	55x29mmØ	IP67	-45 ~ +105	300V	20A+5A	87	24311231-02

LARGE SERIES INLINE PLUG PUSH LOCK

FEMALE PUSH LOCK - MALE PINS

Series inline connector for extending Large Series Connectors. The push-locking connector is simple and fast to plug in and out. Pins from 2 to 9, and additional 3+9 & 3+11. All the products are manufactured with high quality materials, the plastic material used is high performance PA66, male pin used is excellent mechanical properties of phosphor bronze assembly with good electrical conductivity brass. Products have certificate by CE, UL, TUV and ROHS environmental protection requirements. Large series connector has good performance in waterproofing. IP67.

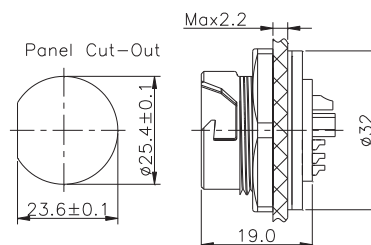


Contact	Wire Gauge	Cable	Cable Range	Size	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
3(20A)	4.0mm ²	12AWG	6.5-10.5	57x27mmØ	IP67	-45 ~ +105	300V	20A	94	24003331-02
3(50A)	8.4mm ²	8AWG	6.5-10.5	57x27mmØ	IP67	-45 ~ +105	300V	50A	94	24003331-04
3+11(FM)	2.5mm ² *3C + 0.2mm ² *11C	12AWG *3C + 24AWG *11C	6.5-10.5	57x27mmØ	IP67	-45 ~ +105	300V	20A+5A	94	24311331-02

LARGE SERIES SOCKET PUSH LOCK

FRONT PANEL MOUNT - MALE PINS

Receptacle for accepting Push Lock Large Connector Plugs. Simple push to lock plug insertion, then twist and pull to release. Mounting screw is attached to the front of the chassis panel. This high-quality connector is self-locking when plugged into its mate, making insertion and extraction simply and quickly, so input and output devices can be quickly and easily replaced. All the Large Series products are manufactured with high quality materials to meet the various requirements of different environments, copper needles used are phosphor bronze with low corrosion high conductivity brass plating.



Contact	Wire Gauge	Cable	Panel Thickness	Hole	IP	Operating Temperature	Voltage Rating	Rated Current	Chogori Cat Page	Code
2	4.0mm ²	12AWG	Max 5.0mm	25mmØ	IP67	-45 ~ +105	300V	20A	84	24002535-01
3(20A)	4.0mm ²	12AWG	Max 5.0mm	25mmØ	IP67	-45 ~ +105	300V	20A	84	24003535-01
3(50A)	8.4mm ²	8AWG	Max 5.0mm	25mmØ	IP67	-45 ~ +105	300V	50A	84	24003535-02



Chogori RJ45 Series

RJ45 PLUG JACKET SCREW

FITS OVER RJ45 & 24AWG

Jacket plug that fits over a standard RJ45 CAT5e/6 type plug and lead combination. Suits most cables with 24AWG wiring, 6.5 to 2.5mm Diameter. Compatible with Screw type Jacks. Weather proof to IP67 standards. Quality PA66 plastic materials. Up to CAT6 compatible.

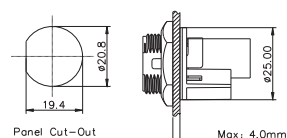
Cable	Cable Range	IP	Chogori Cat Page	Code
24AWG	4.0-7.0	IP67	106	33000000-03



RJ45 JACK 180° SCREW

RJ45 IN AND OUT

Panel Mount 20mm hole with front mounting screw. Compatible with the Screw plug. Rear is a RJ45 Jack. All pins gold plated. Weather proof to IP67 standards. Quality PA66 plastic materials. Up to CAT6 compatible.

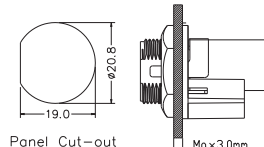


Contact	Suits	IP	Chogori Cat Page	Code
8	33000000-03	IP67	106	33000000-01
8	Different thread	IP67	109	33000000-10

RJ45 JACK METAL 180° SCREW

RJ45 IN AND OUT

Panel Mount 20mm hole with front mounting screw. Compatible with the Screw plug. Rear is a RJ45 Jack. All pins gold plated. Weather proof to IP67 standards. Quality All-Metal construction. Up to CAT6 compatible.

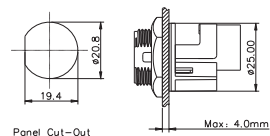


Contact	Panel Thickness	IP	Chogori Cat Page	Code
8	Max. 4.0mm	IP67	109	33000000-12

RJ45 JACK 90° SCREW

REAR RJ45 IS ANGLED

Panel Mount 20mm hole with front mounting screw. Compatible with the Screw plug. Rear is a RJ45 Jack. All pins gold plated. Weather proof to IP67 standards. Quality PA66 plastic materials. Up to CAT6 compatible.

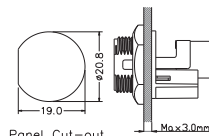


Contact	Suits	IP	Chogori Cat Page	Code
8	33000000-03	IP67	106	33000000-02

RJ45 JACK METAL 90° SCREW

REAR RJ45 JACK IS ANGLED

Panel Mount 20mm hole with front mounting screw. Compatible with the Screw plug. Rear is a RJ45 Jack. All pins gold plated. Weather proof to IP67 standards. Quality PA66 plastic materials. Up to CAT6 compatible.



Contact	Panel Thickness	IP	Chogori Cat Page	Code
8	Max. 4.0mm	IP67	110	33000000-15

RJ45 PLUG JACKET BAYONET

FITS OVER RJ45 & 24AWG

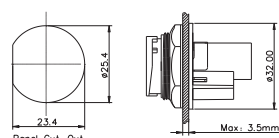
Jacket plug that fits over a standard RJ45 CAT5e/6 type plug and lead combination. Suits most cables with 24AWG wiring, 6.5 to 2.5mm Diameter. Compatible with Bayonet type Jacks. Weather proof to IP67 standards. Quality PA66 plastic materials. Up to CAT6 compatible.

Cable	Cable Range	IP	Chogori Cat Page	Code
24AWG	4.0-7.0	IP67	107	33000000-06

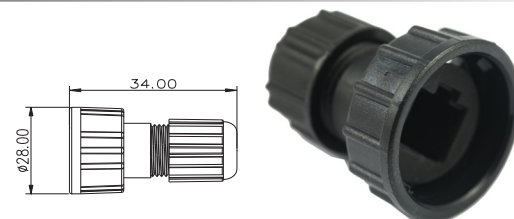
RJ45 JACK 180° BAYONET

RJ45 IN AND OUT

Panel Mount 20mm hole with front mounting screw. Compatible with the Bayonet plug. Rear is a RJ45 Jack. All pins gold plated. Weather proof to IP67 standards. Quality PA66 plastic materials. Up to CAT6 compatible.



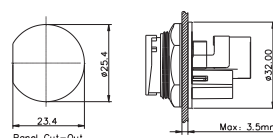
Contact	Thread	Suits	Chogori Cat Page	Code
8	Narrow	33000000-06	107	33000000-04



RJ45 JACK 90° BAYONET

REAR RJ45 IS ANGLED

Panel Mount 20mm hole with front mounting screw. Compatible with the Bayonet plug. Rear is a RJ45 Jack. All pins gold plated. Weather proof to IP67 standards. Quality PA66 plastic materials. Up to CAT6 compatible.



Contact	Thread	Suits	Chogori Cat Page	Code
8	Narrow	33000000-06	107	33000000-05



Chogori USB Series

USB 2.0 PLUG SCREW

SOLDER BACK

USB 2.0 Type "B" Plug with solder back 4 pins plus earth. Quality PA66 plastics rated to IP68 weatherproofing connection. Compatible with USB Screw jacks.



Contact	Cable Range	Speed	Rated Current	Chogori Cat Page	Code
4	3.5-6.8	480Mbps	1.5A	112	34000000-01

USB 2.0 JACK SCREW

SOLDER PINS REAR

Circle Panel Mount
Screw front mount
Solder pins back.
480Mbps
IP68



Contact	Speed	Rated Current	Chogori Cat Page	Code
4	480Mbps	1.5A	113	34000000-03

USB 2.0 PLUG BAYONET

SOLDER BACK

USB 2.0 Type "B" Plug with solder back 4 pins plus earth. Quality PA66 plastics rated to IP67 weatherproofing connection. Compatible with USB Screw jacks.



Contact	Cable Range	Speed	Rated Current	Chogori Cat Page	Code
4	3.5-6.8	480Mbps	1.5A	112	34000000-02

USB 2.0 JACK BAYONET

SOLDER PINS REAR

Circle Panel Mount
Screw front mount
Solder pins back.
480Mbps
IP68
Bayonet



Contact	Speed	Rated Current	Chogori Cat Page	Code
4	480Mbps	1.5A	114	34000000-04

USB 2.0 JACK BAYONET & CAP

SPRING CLOSE DUST CAP

Rhombus Panel Mount with IP67 weather sealed dust cap. USB 2.0 to 5 pins solder back. Bayonet.



Contact	Speed	Rated Current	Chogori Cat Page	Code
4	480Mbps	1.5A	115	34000000-05

Chogori D-Sub Series

D PLUG FEMALE

SOLDER BACK RS232

IP 67 Suit cable 4.5-6.5mm



Pins	Cable Range	Voltage Rating	Rated Current	Chogori Cat Page	Code
9	4.5-6.5	90V	5A	120	31009211-01
15	4.5-6.5	90V	2A	120	31015211-01

D PLUG MALE

SOLDER BACK RS232

IP 67 Suit cable 4.5-6.5mm



Pins	Cable Range	Voltage Rating	Rated Current	Chogori Cat Page	Code
9	4.5-6.5	90V	5A	119	31009111-01
15	4.5-6.5	90V	2A	108	31015111-01

D JACK FEMALE

SOLDER BACK RS232

2.0mm Max. Panel Depth.



Pins	Voltage Rating	Rated Current	Chogori Cat Page	Code
15	90V	2A	120	31015516-01

HDMI FRONT PANEL MOUNT LOCK TYPE

MALE TO HDMI FEMALE PANEL MOUNT

0.3M HDMI Female front panel mount to HDMI male connector. IP67 water resistance. Swinging lock arms are included to prevent water getting inside the joint. Suitable to use with Chogori IC02415030401 lead.



Length	Code
0.3M	IC02415030402

HDMI FRONT PANEL JOINT LOCK TYPE

MALE TO MALE

1.5M HDMI Male to HDMI Male front panel joint cable. Compatible with lock type HDMI Female Front Panel Socket IC02415030402



Length	Code
1.5M	IC02415030401



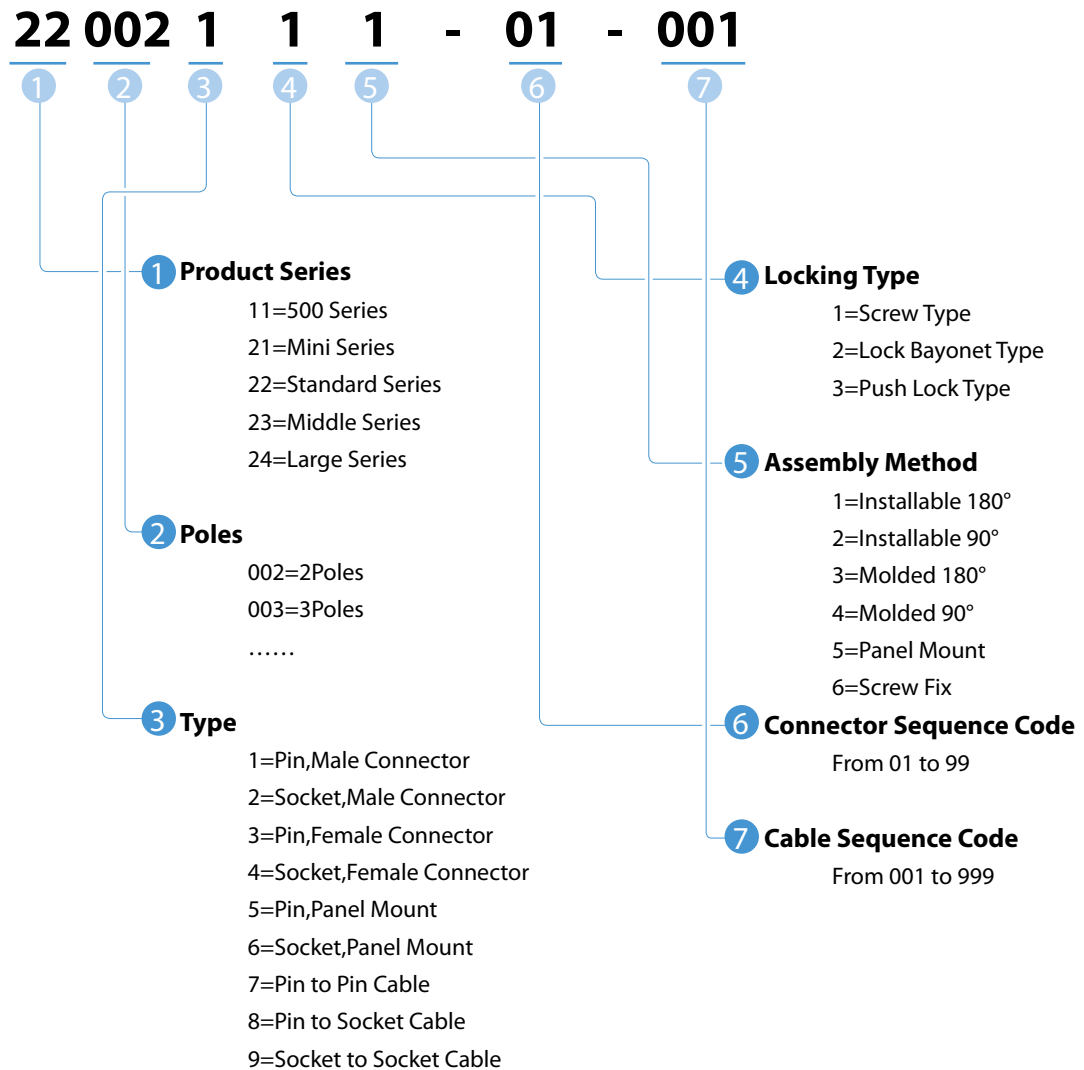
CHOGORI®

Waterproof Connectors



1. 500 Series, Assembly InstructionP13 - P14
2. 500 Series, Front Panel Mount & Female Pin.....P15
3. 500 Series, Male connector & Male PinP16
4. 500 Series, Female connector & Female Pin.....P17



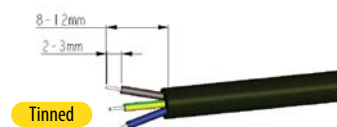


Assembly/Wiring Instructions

500 Series(Male)

CHOGORI USA**Strip and prepare Cable**

1



2

Thread Seals Nut, Seals Ring and Clamp Ring onto the cable.

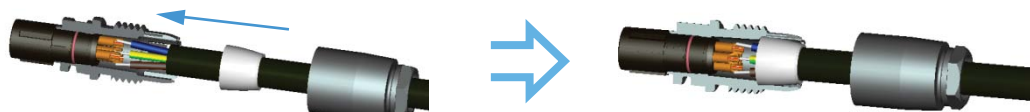
3

Solder wire

4

Assemble the Housing into Clamp ring:

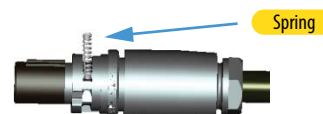
5

Put Seals Ring to the end of Clamp Ring.

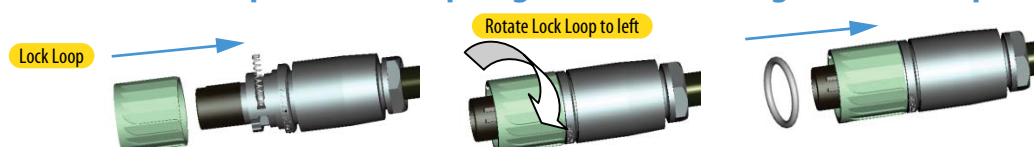
6

Assemble Seals Nut and Clamp Ring.

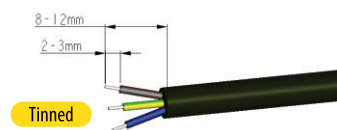
7

Assemble Spring on the Clamp ring.

8

Assemble Lock Loop on the Clamp ring, Assemble O-Ring into lock loop

1 Strip and prepare Cable



2 Thread Seals Nut, Seals Ring and Clamp Ring onto the cable.



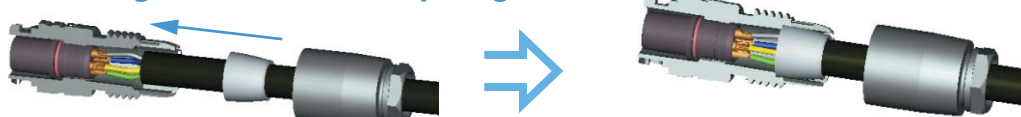
3 Solder wire



4 Fix Housing into Clamp ring.



5 Put Seals Ring to the end of Clamp Ring.



6 Assemble Seals Nut and Clamp Ring.



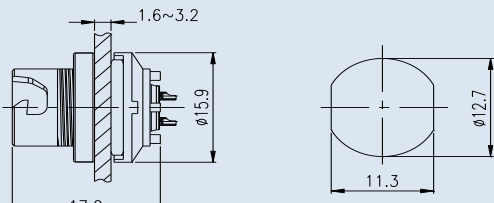
500 SERIES

CHOGORI USA

500 Series Specifications

500 Series , Front Panel Mount & Female Pin

Description	Front Panel Push Lock Type, Solder
Figure	

Drawing	 Panel Cut-Out
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Part-No.	Contacts	Part-Number
	1	11001635-01
	2	11002635-01 
	3	11003635-01 
	4	11004635-01
	2+2	11202635-01
	5	11005635-01
	6	11006635-01
	7	11007635-01
	8	11008635-01
	10	11010635-01 
	14	11014635-01

Specifications											
Number of Contacts	1	2	3	4	2+2	5	6	7	8	10	14
Wire Gauge	22AWG									26AWG	
Panel Thickness	1.6mm - 3.2mm										
Environmental Protection	IP65/IP67										
Mechanical Life	500 mating cycles										
Operating Temperature	- 45℃ - 105℃										
Voltage Rating	110V	110V	110V	110V	110V	60V	60V	60V	60V	30V	30V
Rated Current(40℃)	2A	2A	2A	2A	5A+2A	2A	2A	2A	2A	1A	1A

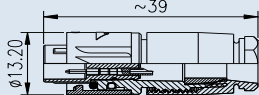
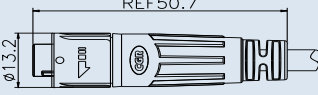
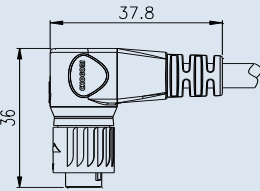
500 SERIES

CHOGORI USA

500 Series Specifications

500 Series , Male Connector & Male Pin

Description	Field Installable, 180° Push Lock Type, Solder	Molded, 180° Push Lock Type, Solder	Molded, 90° Push Lock Type, Solder
Figure			

Drawing			
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Part-No.	Contacts	Cable Range(mm)	Part-Number	Contacts	Cable Range(mm)	Part-Number	Contacts	Cable Range(mm)	Part-Number
	1	2.9 - 6.3	11001131-01	1	Max. 6.3	11001133-01-XXX	1	2.9 - 6.3	11001134-01-XXX
	2	2.9 - 6.3	11002131-01 	2	Max. 6.3	11002133-01-XXX 	2	2.9 - 6.3	11002134-01-XXX 
	3	2.9 - 6.3	11003131-01 	3	Max. 6.3	11003133-01-XXX 	3	2.9 - 6.3	11003134-01-XXX 
	4	2.9 - 6.3	11004131-01	4	Max. 6.3	11004133-01-XXX	4	2.9 - 6.3	11004134-01-XXX
	2+2	2.9 - 6.3	11202131-01	2+2	Max. 6.3	11202133-01-XXX	2+2	2.9 - 6.3	11202134-01-XXX
	5	2.9 - 6.3	11005131-01	5	Max. 6.3	11005133-01-XXX	5	2.9 - 6.3	11005134-01-XXX
	6	2.9 - 6.3	11006131-01	6	Max. 6.3	11006133-01-XXX	6	2.9 - 6.3	11006134-01-XXX
	7	2.9 - 6.3	11007131-01	7	Max. 6.3	11007133-01-XXX	7	2.9 - 6.3	11007134-01-XXX
	8	2.9 - 6.3	11008131-01	8	Max. 6.3	11008133-01-XXX	8	2.9 - 6.3	11008134-01-XXX
	10	2.9 - 6.3	11010131-01 	10	Max. 6.3	11010133-01-XXX 	10	2.9 - 6.3	11010134-01-XXX 
	14	2.9 - 6.3	11014131-01	14	Max. 6.3	11014133-01-XXX	14	2.9 - 6.3	11014134-01-XXX

Specifications

Number of Contacts	1	2	3	4	2+2	5	6	7	8	10	14
Wire Gauge	22AWG									26AWG	
Cable Range	2.9mm - 6.3mm										
Environmental Protection	IP65/IP67										
Mechanical Life	500 mating cycles										
Operating Temperature	- 45℃ - 105℃										
Voltage Rating	110V	110V	110V	110V	110V	60V	60V	60V	60V	30V	30V
Rated Current(40℃)	2A	2A	2A	2A	5A+2A	2A	2A	2A	2A	1A	1A

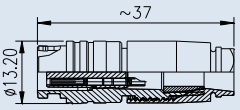
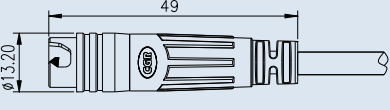
500 SERIES

CHOGORI USA

500 Series Specifications

500 Series , Female connector & Female Pin

Description	Field Installable, 180° Push Lock Type, Solder	Molded, 180° Push Lock Type, Solder
Figure		

Drawing		
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Part-No.	Contacts	Cable Range(mm)	Part-Number	Contacts	Cable Range(mm)	Part-Number
	1	2.9 - 6.3	11001431-01	1	Max. 6.3	11001433-01-XXX
	2	2.9 - 6.3	11002431-01 	2	Max. 6.3	11002433-01-XXX 
	3	2.9 - 6.3	11003431-01 	3	Max. 6.3	11003433-01-XXX 
	4	2.9 - 6.3	11004431-01	4	Max. 6.3	11004433-01-XXX
	2+2	2.9 - 6.3	11202431-01	2+2	Max. 6.3	11202433-01-XXX
	5	2.9 - 6.3	11005431-01	5	Max. 6.3	11005433-01-XXX
	6	2.9 - 6.3	11006431-01	6	Max. 6.3	11006433-01-XXX
	7	2.9 - 6.3	11007431-01	7	Max. 6.3	11007433-01-XXX
	8	2.9 - 6.3	11008431-01	8	Max. 6.3	11008433-01-XXX
	10	2.9 - 6.3	11010431-01 	10	Max. 6.3	11010423-01-XXX 
	14	2.9 - 6.3	11014431-01	14	Max. 6.3	11014433-01-XXX

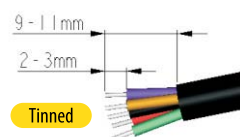
Specifications											
Number of Contacts	1	2	3	4	2+2	5	6	7	8	10	14
Wire Gauge	22AWG								26AWG		
Cable Range	2.9mm - 6.3mm										
Environmental Protection	IP65/IP67										
Mechanical Life	500 mating cycles										
Operating Temperature	- 45℃ - 105℃										
Voltage Rating	110V	110V	110V	110V	110V	60V	60V	60V	60V	30V	30V
Rated Current(40℃)	2A	2A	2A	2A	5A+2A	2A	2A	2A	2A	1A	1A

1. Mini Series, Assembly Instruction	P19
2. Mini Series, Front Panel Mount & Male Pin	P20 - P21
3. Mini Series, Rear Panel Mount & Male Pin.....	P22
4. Mini Series, Male connector & Female Pin	P23 - P25
5. Mini Series, Front Panel Mount & Female Pin	P26
6. Mini Series, Rear Panel Mount & Female Pin	P27
6. Mini Series, Male connector & Male Pin	P28 - P29
7. Mini Series, Female connector & Male Pin	P30 - P31
8. Mini Series, Female connector & Female Pin	P32

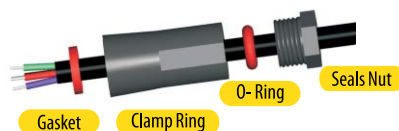


CHOGORI USA

1

Strip and prepare Cable.

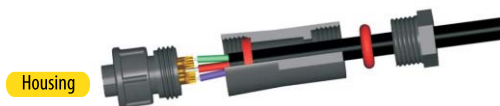
2

Thread Seals Nut, O- Ring, Clamp Ring and Gasket onto the cable.

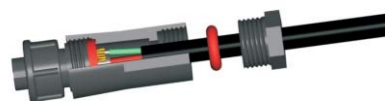
3

Solder wire

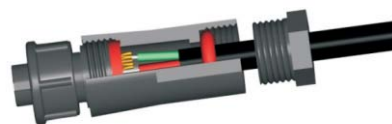
4

Assemble Gasket into Clamp ring: Gasket Direction (Flat Surface to Housing)

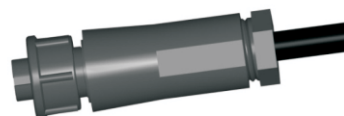
5

Assemble Clamp Ring to Housing

6

Put O-Ring to the Clamp Ring.

7

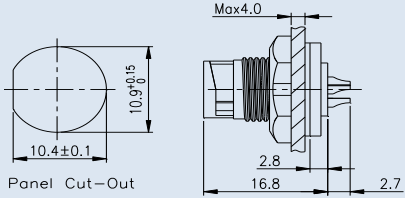
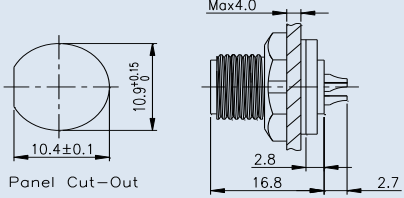
Assemble Seals Nut and Clamp Ring.

MINI SERIES

CHOGORI USA

MINI Series Specifications

Mini Series , Front Panel Mount & Male pin

Description	Front Panel Mount Lock Bayonet Type, Solder	Front Panel Mount Screw Type, Solder
Figure		
Drawing		

Part-No.	Contacts	Part-Number	Contacts	Part-Number
	2	21002525-01 	2	21002515-01 
	3	21003525-01 	3	21003515-01 
	4(5A)	21004525-01	4(5A)	21004515-01
	4(2A)	21004525-02	4(2A)	21004515-02
	5	21005525-01	5	21005515-01
	6	21006525-01	6	21006515-01
	2+4	21204525-01	2+4	21204515-01
	7	21007525-01	7	21007515-01
	8	21008525-01	8	21008515-01

Specifications									
Number of Contacts	2	3	4	4	5	6	2+4	7	8
Wire Gauge	20AWG			22AWG					
Panel Thickness	Max. 4.0mm								
Environmental Protection	IP67/IP68								
Mechanical Life	500 mating cycles								
OperatingTemperature	- 45℃ - 105℃								
Voltage Rating	110V	110V	110V	110V	50V	50V	50V	50V	50V
Rated Current(40℃)	5A	5A	5A	2A	2A	2A	5+2A	2A	2A

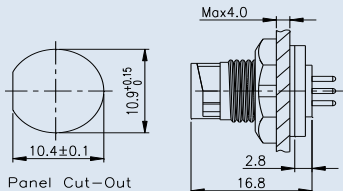
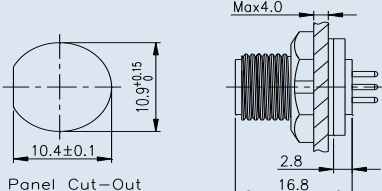
MINI SERIES

CHOGORI USA

MINI Series Specifications

Mini Series , Front Panel Mount & Male pin

Description	Front Panel Mount Lock Bayonet Type, PCB	Front Panel Mount Screw Type, PCB
Figure		

Drawing		
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Part-No.	Contacts	Part-Number	Contacts	Part-Number
	2	21002525-02	2	21002515-02
	3	21003525-02	3	21003515-02
	4(2A)	21004525-05	4(2A)	21004515-05
	4(5A)	21004525-06	4(5A)	21004515-06
	5	21005525-02	5	21005515-02
	6	21006525-02	6	21006515-02
	2+4	21204525-02	2+4	21204515-02
	7	21007525-02	7	21007515-02
	8	21008525-02	8	21008515-02

Specifications									
Number of Contacts	2	3	4	4	5	6	2+4	7	8
Wire Gauge	20AWG			22AWG					
Panel Thickness	Max. 4.0mm								
Environmental Protection	IP67/IP68								
Mechanical Life	500 mating cycles								
Operating Temperature	- 45℃ - 105℃								
Voltage Rating	110V	110V	110V	110V	50V	50V	50V	50V	50V
Rated Current(40℃)	5A	5A	5A	2A	2A	2A	5+2A	2A	2A

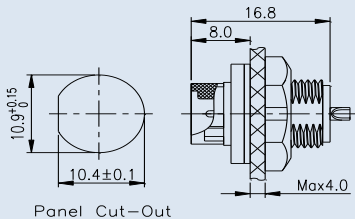
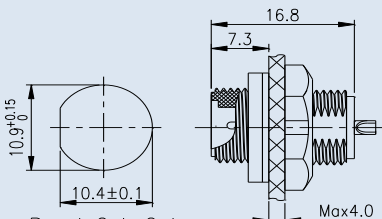
MINI SERIES

CHOGORI USA

MINI Series Specifications

Mini Series , Rear Panel Mount & Male pin

Description	Rear Panel Mount Lock Bayonet Type, Solder	Rear Panel Mount Screw Type, Solder
Figure		

Drawing		
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Part-No.	Contacts	Part-Number	Contacts	Part-Number
	2	21002525-03 	2	21002515-03 
	3	21003525-03 	3	21003515-03 
	4(5A)	21004525-03	4(5A)	21004515-03
	4(2A)	21004525-04	4(2A)	21004515-04
	5	21005525-03	5	21005515-03
	6	21006525-03	6	21006515-03
	2+4	21204525-03	2+4	21204515-03
	7	21007525-03	7	21007515-03
	8	21008525-03	8	21008515-03

Specifications

Number of Contacts	2	3	4	4	5	6	2+4	7	8
Wire Gauge	20AWG				22AWG				
Panel Thickness	Max. 4.0mm								
Environmental Protection	IP67/IP68								
Mechanical Life	500 mating cycles								
Operating Temperature	- 45℃ - 105℃								
Voltage Rating	110V	110V	110V	110V	50V	50V	50V	50V	50V
Rated Current(40℃)	5A	5A	5A	2A	2A	2A	5+2A	2A	2A

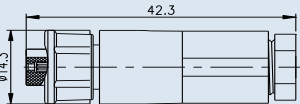
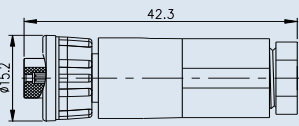
MINI SERIES

CHOGORI USA

MINI Series Specifications

Mini Series, Male connector & Female pin

Description	Field Installable, 180° Lock Bayonet Type, Solder	Field Installable, 180° Screw Type, Solder
Figure		

Drawing		
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Part-No.	Contacts	Cable Range(mm)	Part-Number	Contacts	Cable Range(mm)	Part-Number
	2	3.5 - 6.8	21002221-01 	2	3.5 - 6.8	21002211-01 
	3	3.5 - 6.8	21003221-01 	3	3.5 - 6.8	21003211-01 
	4(5A)	3.5 - 6.8	21004221-01	4(5A)	3.5 - 6.8	21004211-01
	4(2A)	3.5 - 6.8	21004221-02	4(2A)	3.5 - 6.8	21004211-02
	5	3.5 - 6.8	21005221-01	5	3.5 - 6.8	21005211-01
	6	3.5 - 6.8	21006221-01	6	3.5 - 6.8	21006211-01
	2+4	3.5 - 6.8	21204221-01	2+4	3.5 - 6.8	21204211-01
	7	3.5 - 6.8	21007221-01	7	3.5 - 6.8	21007211-01
	8	3.5 - 6.8	21008221-01	8	3.5 - 6.8	21008211-01

Specifications									
Number of Contacts	2	3	4	4	5	6	2+4	7	8
Wire Gauge	20AWG			22AWG					
Cable Range	3.5mm - 6.8mm								
Environmental Protection	IP67/IP68								
Mechanical Life	500 mating cycles								
Operating Temperature	- 45℃ - 105℃								
Voltage Rating	110V	110V	110V	110V	50V	50V	50V	50V	50V
Rated Current(40℃)	5A	5A	5A	2A	2A	2A	5+2A	2A	2A

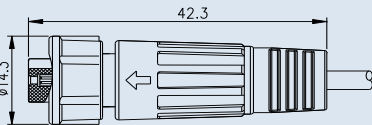
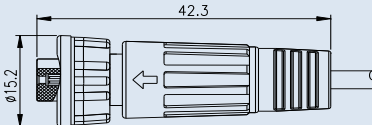
MINI SERIES

CHOGORI USA

MINI Series Specifications

Mini Series , Male connector & Female pin

Description	Molded, 180° Lock Bayonet Type, Solder	Molded, 180° Screw Type, Solder
Figure		

Drawing		
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Part-No.	Contacts	Cable Range(mm)	Part-Number	Contacts	Cable Range(mm)	Part-Number
	2	max7.2	21002223-01-XXX 	2	max7.2	21002213-01-XXX 
	3	max7.2	21003223-01-XXX 	3	max7.2	21003213-01-XXX 
	4(5A)	max7.2	21004223-01-XXX	4(5A)	max7.2	21004213-01-XXX
	4(2A)	max7.2	21004223-02-XXX	4(2A)	max7.2	21004213-02-XXX
	5	max7.2	21005223-01-XXX	5	max7.2	21005213-01-XXX
	6	max7.2	21006223-01-XXX	6	max7.2	21006213-01-XXX
	2+4	max7.2	21204223-01-XXX	2+4	max7.2	21204213-01-XXX
	7	max7.2	21007223-01-XXX	7	max7.2	21007213-01-XXX
	8	max7.2	21008223-01-XXX	8	max7.2	21008213-01-XXX

Specifications									
Number of Contacts	2	3	4	4	5	6	2+4	7	8
Wire Gauge	20AWG			22AWG					
Cable Range	Max. 7.2mm								
Environmental Protection	IP67								
Mechanical Life	500 mating cycles								
Operating Temperature	- 40℃ - 80℃								
Voltage Rating	110V	110V	110V	110V	50V	50V	50V	50V	50V
Rated Current(40℃)	5A	5A	5A	2A	2A	2A	5+2A	2A	2A

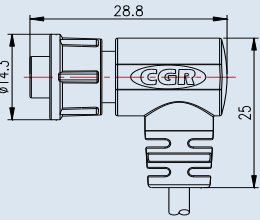
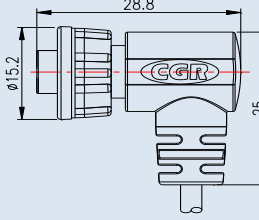
MINI SERIES

CHOGORI USA

MINI Series Specifications

Mini Series , Male connector & Female pin

Description	Molded, 90° Lock Bayonet Type, Solder	Molded, 90° Screw Type, Solder
Figure		

Drawing		
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Part-No.	Contacts	Cable Range(mm)	Part-Number	Contacts	Cable Range(mm)	Part-Number
	2	max7.2	21002224-01-XXX 	2	max7.2	21002214-01-XXX 
	3	max7.2	21003224-01-XXX 	3	max7.2	21003214-01-XXX 
	4(5A)	max7.2	21004224-01-XXX	4(5A)	max7.2	21004214-01-XXX
	4(2A)	max7.2	21004224-02-XXX	4(2A)	max7.2	21004214-02-XXX
	5	max7.2	21005224-01-XXX	5	max7.2	21005214-01-XXX
	6	max7.2	21006224-01-XXX	6	max7.2	21006214-01-XXX
	2+4	max7.2	21204224-01-XXX	2+4	max7.2	21204214-01-XXX
	7	max7.2	21007224-01-XXX	7	max7.2	21007214-01-XXX
	8	max7.2	21008224-01-XXX	8	max7.2	21008214-01-XXX

Specifications									
Number of Contacts	2	3	4	4	5	6	2+4	7	8
Wire Gauge	20AWG			22AWG					
Cable Range	Max. 7.2mm								
Environmental Protection	IP67								
Mechanical Life	500 mating cycles								
Operating Temperature	- 40℃ - 80℃								
Voltage Rating	110V	110V	110V	110V	50V	50V	50V	50V	50V
Rated Current(40℃)	5A	5A	5A	2A	2A	2A	5+2A	2A	2A

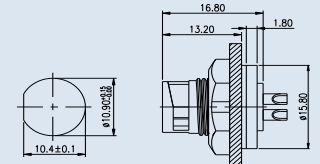
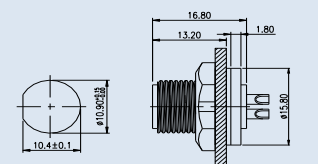
MINI SERIES

CHOGORI USA

MINI Series Specifications

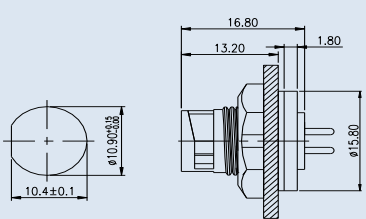
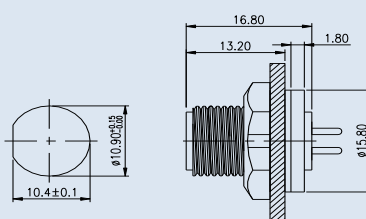
Mini Series , Front Panel Mount & Female pin

Description	Front Panel Mount Lock Bayonet Type, Solder	Front Panel Mount Screw Type, Solder
Figure		

Drawing		
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Part-No.	Contacts	Part-Number	Contacts	Part-Number
	2	21002625-01	2	21002615-01
	3	21003625-01	3	21003615-01
	4	21004625-01	4	21004615-01

Description	Front Panel Mount Lock Bayonet Type, PCB	Front Panel Mount Screw Type, PCB
Figure		

Drawing		
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Part-No.	Contacts	Part-Number	Contacts	Part-Number
	4	21004625-02	4	21004615-02

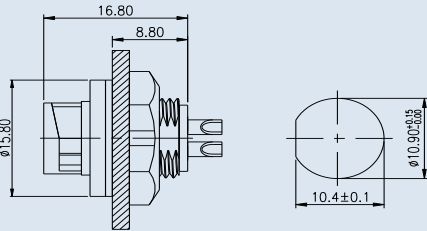
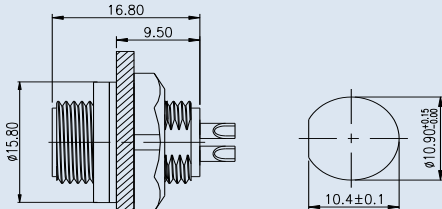
Specifications	
Number of Contacts	4
Wire Gauge	22AWG
Panel Thickness	Max. 4.0mm
Environmental Protection	IP67/IP68
Mechanical Life	500 mating cycles
Operating Temperature	- 45°C - 105°C
Voltage Rating	50V
Rated Current(40°C)	5A

MINI SERIES

CHOGORI USA

MINI Series Specifications

Mini Series , Rear Panel Mount & Female pin

Description	Rear Panel Mount Lock Bayonet Type, Solder	Rear Panel Mount Screw Type, Solder								
Figure										
Drawing										
Part-No.	<table><tr><th>Contacts</th><th>Part-Number</th></tr><tr><td>4</td><td>21004625-03</td></tr></table>	Contacts	Part-Number	4	21004625-03	<table><tr><th>Contacts</th><th>Part-Number</th></tr><tr><td>4</td><td>21004615-03</td></tr></table>	Contacts	Part-Number	4	21004615-03
Contacts	Part-Number									
4	21004625-03									
Contacts	Part-Number									
4	21004615-03									

Specifications

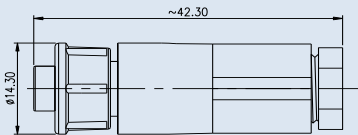
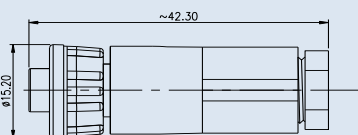
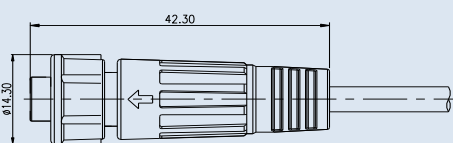
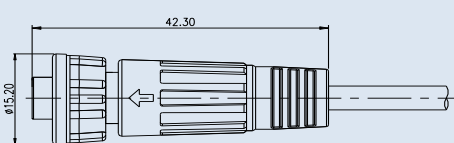
Number of Contacts	4
Wire Gauge	22AWG
Panel Thickness	Max. 4.0mm
Environmental Protection	IP67/IP68
Mechanical Life	500 mating cycles
Operating Temperature	- 45°C - 105°C
Voltage Rating	50V
Rated Current(40°C)	5A

MINI SERIES

CHOGORI USA

MINI Series Specifications

Mini Series Male connector & Male pin

Description	Field Installable, 180° Lock Bayonet Type, Solder			Field Installable, 180° Screw Type, Solder		
	Figure			Figure		
Drawing						
						
Part-No.	Contacts	Cable Range(mm)	Part-Number	Contacts	Cable Range(mm)	Part-Number
	4	3.5 - 6.8	21004121-01	4	3.5 - 6.8	21004111-01
Description	Molded, 180° Lock Bayonet Type, Solder			Molded, 180° Screw Type, Solder		
	Figure			Figure		
Drawing						
						
Part-No.	Contacts	Cable Range(mm)	Part-Number	Contacts	Cable Range(mm)	Part-Number
	4	3.5 - 6.8	21004123-01-XXX	4	3.5 - 6.8	21004113-01-XXX

Specifications

Number of Contacts	4
Wire Gauge	22AWG
Cable Range	3.5mm - 6.8mm
Environmental Protection	IP67
Mechanical Life	500 mating cycles
Operating Temperature	- 40℃ - 80℃
Voltage Rating	50V
Rated Current(40℃)	5A

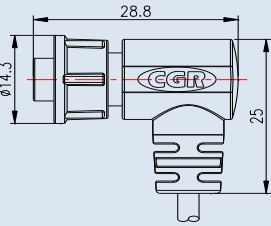
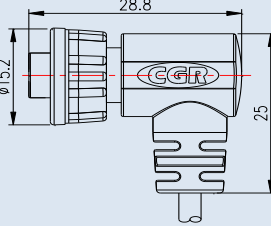
MINI SERIES

CHOGORI USA

MINI Series Specifications

Mini Series , Male connector & Male pin

Description	Molded, 90° Lock Bayonet Type, Solder	Molded, 90° Screw Type, Solder
Figure		

Drawing		
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Part-No.	Contacts	Cable Range(mm)	Part-Number	Contacts	Cable Range(mm)	Part-Number
	4	Max. 7.2	21004124-02-XXX	4	Max. 7.2	21004114-02-XXX

Specifications									
Number of Contacts	2	3	4	4	5	6	2+4	7	8
Wire Gauge	20AWG			22AWG					
Cable Range	Max. 7.2mm								
Environmental Protection	IP67								
Mechanical Life	500 mating cycles								
Operating Temperature	- 40℃ - 80℃								
Voltage Rating	50V								
Rated Current(40℃)	5A								

MINI SERIES

CHOGORI USA

MINI Series Specifications

Mini Series , Female connector & Male pin

Description

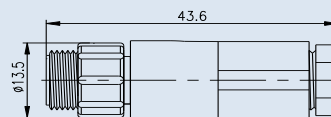
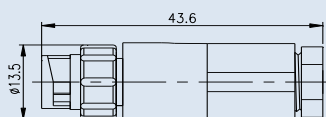
Field Installable, 180°
Lock Bayonet Type, Solder

Field Installable, 180°
Screw Type, Solder

Figure



Drawing



Part-No.

Contacts	Cable Range(mm)	Part-Number	Contacts	Cable Range(mm)	Part-Number
2	3.5 - 6.8	21002321-01 	2	3.5 - 6.8	21002311-01 
3	3.5 - 6.8	21003321-01 	3	3.5 - 6.8	21003311-01 
4(5A)	3.5 - 6.8	21004321-01	4(5A)	3.5 - 6.8	21004311-01
4(2A)	3.5 - 6.8	21004321-02	4(2A)	3.5 - 6.8	21004311-02
5	3.5 - 6.8	21005321-01	5	3.5 - 6.8	21005311-01
6	3.5 - 6.8	21006321-01	6	3.5 - 6.8	21006311-01
2+4	3.5 - 6.8	21204321-01	2+4	3.5 - 6.8	21204311-01
7	3.5 - 6.8	21007321-01	7	3.5 - 6.8	21007311-01
8	3.5 - 6.8	21008321-01	8	3.5 - 6.8	21008311-01

Specifications

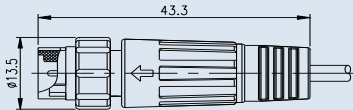
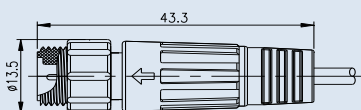
Number of Contacts	2	3	4	4	5	6	2+4	7	8
Wire Gauge	20AWG				22AWG				
Cable Range	3.5mm - 6.8mm								
Environmental Protection	IP67/IP68								
Mechanical Life	500 mating cycles								
Operating Temperature	- 45℃ - 105℃								
Voltage Rating	110V	110V	110V	110V	50V	50V	50V	50V	50V
Rated Current(40℃)	5A	5A	5A	2A	2A	2A	5+2A	2A	2A

MINI SERIES

CHOGORI USA

MINI Series Specifications

Mini Series , Female connector & Male pin

Description	Molded, 180° Lock Bayonet Type, Solder	Molded, 180° Screw Type, Solder																																																												
Figure																																																														
Drawing																																																														
Part-No.	<table border="1"> <thead> <tr> <th>Contacts</th><th>Cable Range(mm)</th><th>Part-Number</th></tr> </thead> <tbody> <tr><td>2</td><td>Max. 7.2</td><td>21002323-01-XXX </td></tr> <tr><td>3</td><td>Max. 7.2</td><td>21003323-01-XXX </td></tr> <tr><td>4(5A)</td><td>Max. 7.2</td><td>21004323-01-XXX</td></tr> <tr><td>4(2A)</td><td>Max. 7.2</td><td>21004323-02-XXX</td></tr> <tr><td>5</td><td>Max. 7.2</td><td>21005323-01-XXX</td></tr> <tr><td>6</td><td>Max. 7.2</td><td>21006323-01-XXX</td></tr> <tr><td>2+4</td><td>Max. 7.2</td><td>21204323-01-XXX</td></tr> <tr><td>7</td><td>Max. 7.2</td><td>21007323-01-XXX</td></tr> <tr><td>8</td><td>Max. 7.2</td><td>21008323-01-XXX</td></tr> </tbody> </table>	Contacts	Cable Range(mm)	Part-Number	2	Max. 7.2	21002323-01-XXX 	3	Max. 7.2	21003323-01-XXX 	4(5A)	Max. 7.2	21004323-01-XXX	4(2A)	Max. 7.2	21004323-02-XXX	5	Max. 7.2	21005323-01-XXX	6	Max. 7.2	21006323-01-XXX	2+4	Max. 7.2	21204323-01-XXX	7	Max. 7.2	21007323-01-XXX	8	Max. 7.2	21008323-01-XXX	<table border="1"> <thead> <tr> <th>Contacts</th><th>Cable Range(mm)</th><th>Part-Number</th></tr> </thead> <tbody> <tr><td>2</td><td>Max. 7.2</td><td>21002313-01-XXX </td></tr> <tr><td>3</td><td>Max. 7.2</td><td>21003313-01-XXX </td></tr> <tr><td>4(5A)</td><td>Max. 7.2</td><td>21004313-01-XXX</td></tr> <tr><td>4(2A)</td><td>Max. 7.2</td><td>21004313-02-XXX</td></tr> <tr><td>5</td><td>Max. 7.2</td><td>21005313-01-XXX</td></tr> <tr><td>6</td><td>Max. 7.2</td><td>21006313-01-XXX</td></tr> <tr><td>2+4</td><td>Max. 7.2</td><td>21204313-01-XXX</td></tr> <tr><td>7</td><td>Max. 7.2</td><td>21007313-01-XXX</td></tr> <tr><td>8</td><td>Max. 7.2</td><td>21008313-01-XXX</td></tr> </tbody> </table>	Contacts	Cable Range(mm)	Part-Number	2	Max. 7.2	21002313-01-XXX 	3	Max. 7.2	21003313-01-XXX 	4(5A)	Max. 7.2	21004313-01-XXX	4(2A)	Max. 7.2	21004313-02-XXX	5	Max. 7.2	21005313-01-XXX	6	Max. 7.2	21006313-01-XXX	2+4	Max. 7.2	21204313-01-XXX	7	Max. 7.2	21007313-01-XXX	8	Max. 7.2	21008313-01-XXX
Contacts	Cable Range(mm)	Part-Number																																																												
2	Max. 7.2	21002323-01-XXX 																																																												
3	Max. 7.2	21003323-01-XXX 																																																												
4(5A)	Max. 7.2	21004323-01-XXX																																																												
4(2A)	Max. 7.2	21004323-02-XXX																																																												
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2+4	Max. 7.2	21204323-01-XXX																																																												
7	Max. 7.2	21007323-01-XXX																																																												
8	Max. 7.2	21008323-01-XXX																																																												
Contacts	Cable Range(mm)	Part-Number																																																												
2	Max. 7.2	21002313-01-XXX 																																																												
3	Max. 7.2	21003313-01-XXX 																																																												
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4(2A)	Max. 7.2	21004313-02-XXX																																																												
5	Max. 7.2	21005313-01-XXX																																																												
6	Max. 7.2	21006313-01-XXX																																																												
2+4	Max. 7.2	21204313-01-XXX																																																												
7	Max. 7.2	21007313-01-XXX																																																												
8	Max. 7.2	21008313-01-XXX																																																												

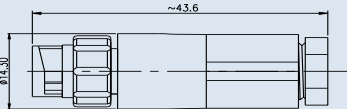
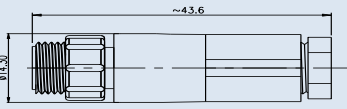
Specifications

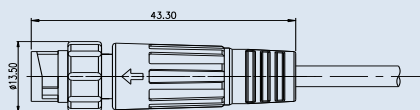
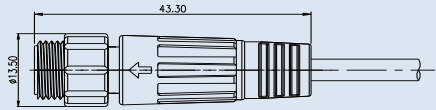
Number of Contacts	2	3	4	4	5	6	2+4	7	8
Wire Gauge	20AWG			22AWG					
Cable Range	Max. 7.2mm								
Environmental Protection	IP67								
Mechanical Life	500 mating cycles								
Operating Temperature	- 40℃ - 80℃								
Voltage Rating	110V	110V	110V	110V	50V	50V	50V	50V	50V
Rated Current(40℃)	5A	5A	5A	2A	2A	2A	5+2A	2A	2A

MINI SERIES

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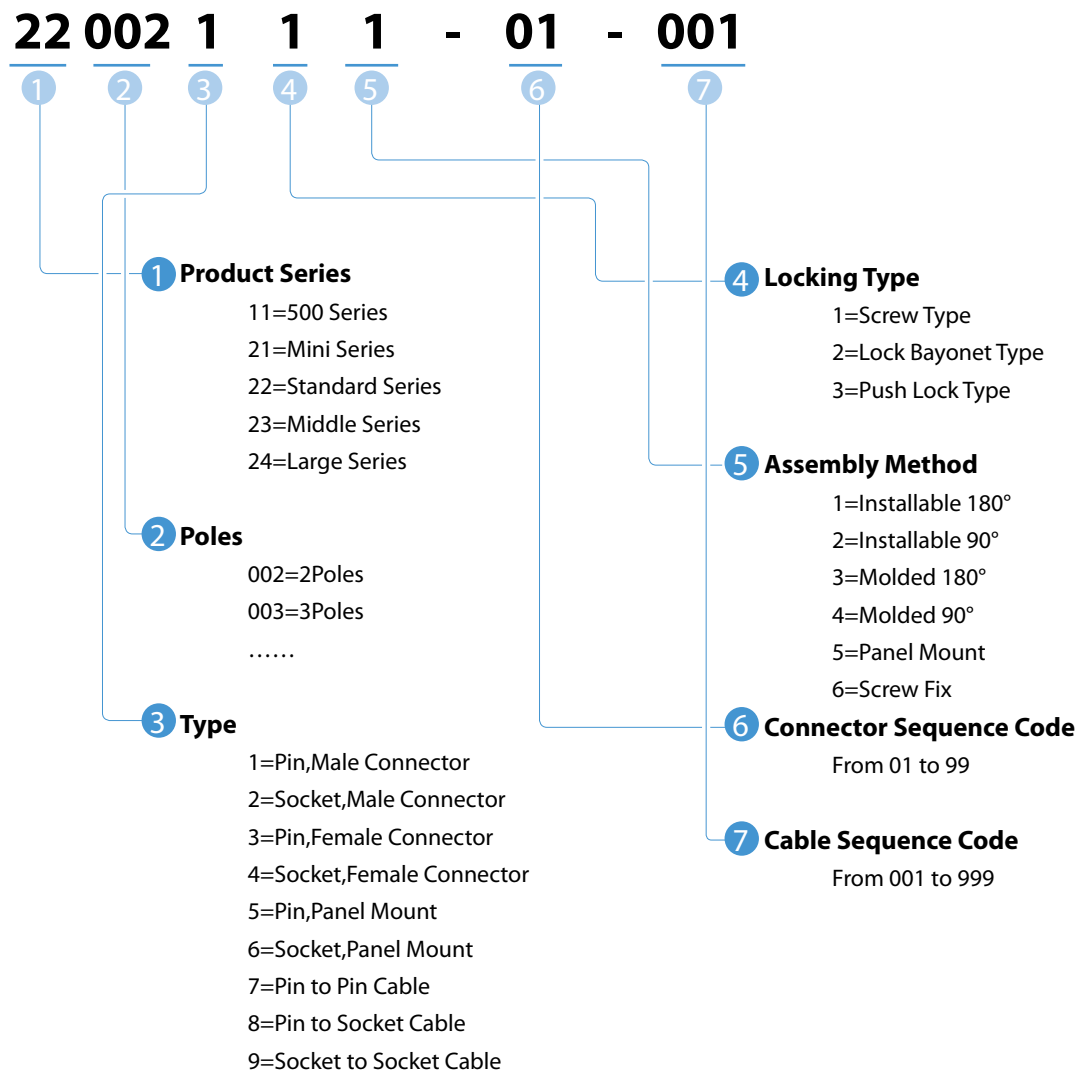
Mini Series , Female connector & Female pin

Description	Field Installable, 180° Lock Bayonet Type, Solder			Field Installable, 180° Screw Type, Solder		
Figure						
Drawing						
Part-No.	Contacts	Cable Range(mm)	Part-Number	Contacts	Cable Range(mm)	Part-Number
	4	3.5 - 6.8	21004421-01			
	Contacts	Cable Range(mm)	Part-Number	Contacts	Cable Range(mm)	Part-Number
	4	3.5 - 6.8	21004411-01			

Description	Molded, 180° Lock Bayonet Type, Solder			Molded, 180° Screw Type, Solder		
Figure						
Drawing						
Part-No.	Contacts	Cable Range(mm)	Part-Number	Contacts	Cable Range(mm)	Part-Number
	4	3.5 - 6.8	21004423-01-XXX			
	Contacts	Cable Range(mm)	Part-Number	Contacts	Cable Range(mm)	Part-Number
	4	3.5 - 6.8	21004413-01-XXX			

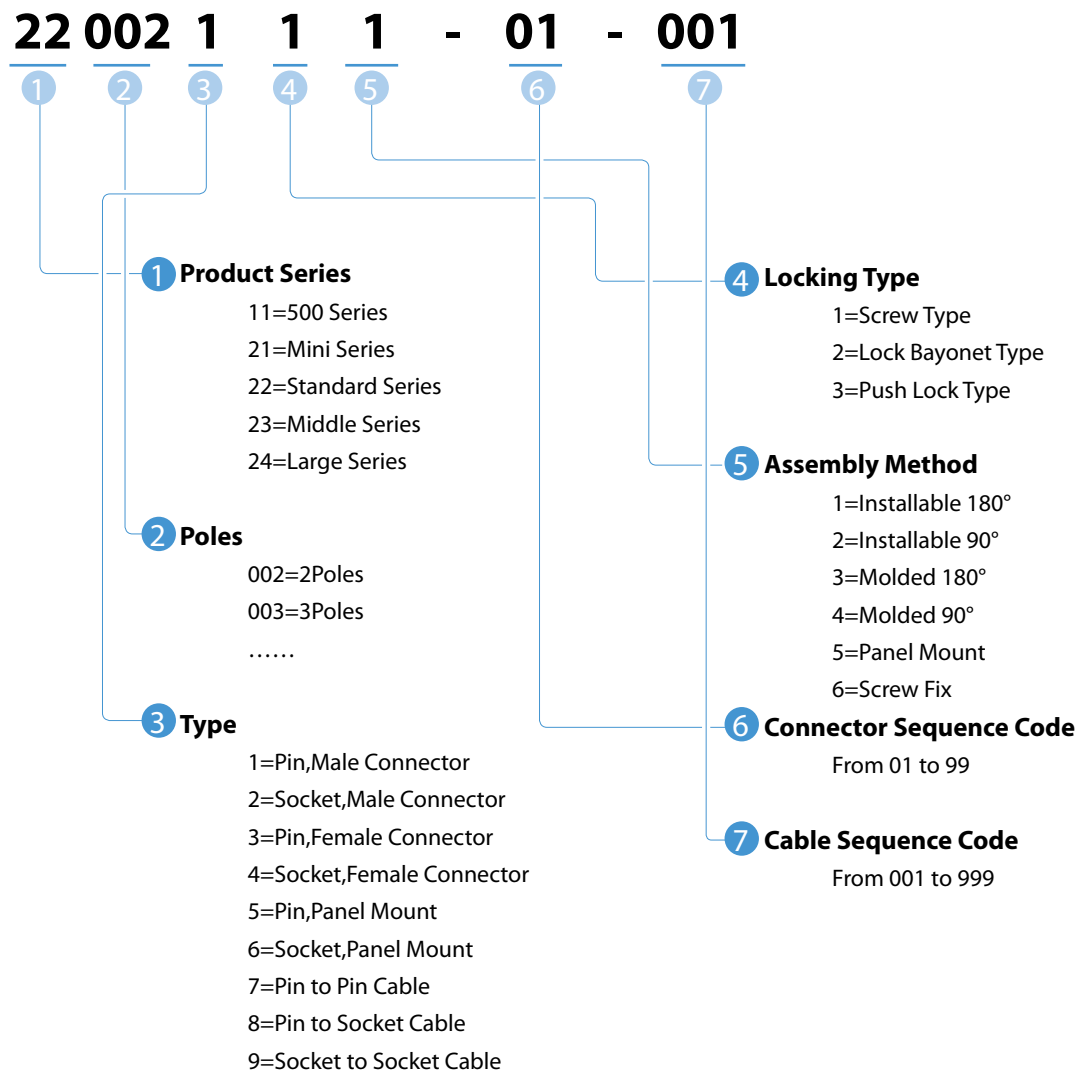
Specifications

Number of Contacts	4
Wire Gauge	22AWG
Cable Range	3.5mm - 6.8mm
Environmental Protection	IP67
Mechanical Life	500 mating cycles
Operating Temperature	- 40℃ - 80℃
Voltage Rating	50V
Rated Current(40℃)	5A



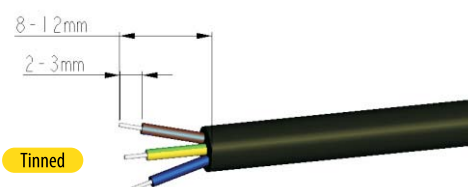
1. Standard Series, Assembly Instruction..... P34
2. Standard Series, Panel Mount & Male PinP35 - P37
3. Standard Series, Male Connector & Female PinP38 - P40
4. Standard Series, Panel Mount & Female PinP41 - P43
5. Standard Series, Male Connector & Male Pin.....P44 - P46
6. Standard Series, Female Connector & Male PinP47 - P48
7. Standard Series, Female Connector & Female PinP49 - P50





CHOGORI USA

1 Strip and prepare Cable.



2 Thread Seals Nut, Seals Ring, Clamp Ring and Gasket onto the cable.



3 Solder wire



4 Assemble Gasket into Clamp ring: Gasket Direction (Flat Surface to Housing)



5 Assemble Clamp Ring to Housing



6 Put Seals Ring to the end of Clamp Ring.



7 Assemble Seals Nut and Clamp Ring.

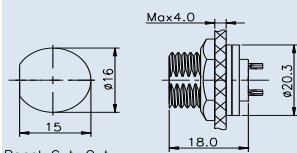
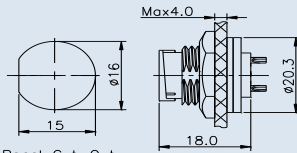
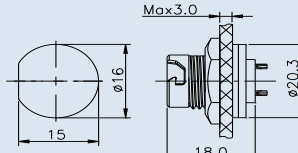


STANDARD SERIES

CHOGORI USA

Standard Series Specifications

Standard Series, Panel Mount & Male Pin

Description	Panel Front Mount, Screw Type, Solder	Panel Front Mount, Lock Bayonet Type, Solder	Panel Front Mount, Push Lock Type, Solder																																																																		
Figure																																																																					
Drawing																																																																					
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Specifications

Number of Contacts	2	3	4	5	6	2+4	3+4	8	10	12
Wire Gauge	18AWG			20AWG		18AWG*2C/3C 20AWG*4C		20AWG	22AWG	
Panel Thickness	Max. 4.0mm				Max. 4.0mm				Max. 3.0mm	
Environmental Protection	IP68				IP67				IP67	
Mechanical Life	500 mating cycles									
Operating Temperature	- 45℃ - 105℃									
Voltage Rating	300V	300V	125V	60V	60V	60V	60V	60V	30V	30V
Rated Current (40℃)	10A	10A	10A	5A	5A	10A+5A	10A+2A	5A	2A	2A

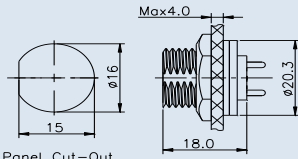
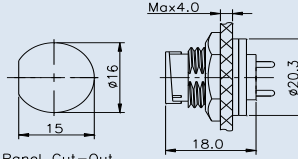
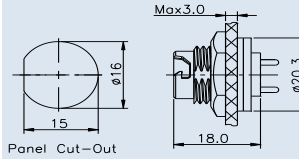
STANDARD SERIES

CHOGORI USA

Standard Series Specifications

Standard Series, Panel Mount & Male Pin

Description	Panel Front Mount, Screw Type, PCB	Panel Front Mount, Lock Bayonet Type, PCB	Panel Front Mount, Push Lock Type, PCB
Figure			

Drawing			
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Part Number	Contacts	Part Number	Contacts	Part Number	Contacts	Part Number
	2	22002515-02	2	22002525-02	2	22002535-02
	3	22003515-02	3	22003525-02	3	22003535-02
	4	22004515-02	4	22004525-02	4	22004535-02
	5	22005515-02	5	22005525-02	5	22005535-02
	6	22006515-02	6	22006525-02	6	22006535-02
	2+4	22204515-02	2+4	22204525-02	2+4	22204535-02
	3+4	22304515-02	3+4	22304525-02	3+4	22304535-02
	8	22008515-02	8	22008525-02	8	22008535-02
	10	22010515-02	10	22010525-02	10	22010535-02
	12	22012515-02	12	22012525-02	12	22012535-02

Specifications

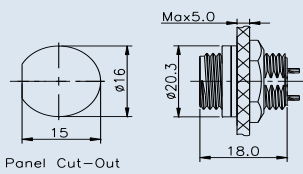
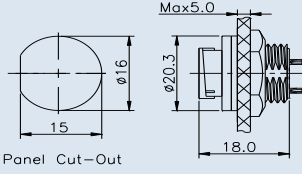
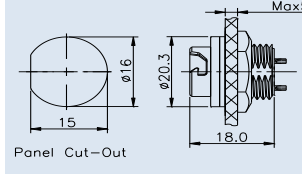
Number of Contacts	2	3	4	5	6	2+4	3+4	8	10	12
Wire Gauge	18AWG			20AWG		18AWG*2C/3C 20AWG*4C		20AWG	22AWG	
Panel Thickness	Max. 4.0mm				Max. 4.0mm				Max. 3.0mm	
Environmental Protection	IP68				IP67				IP67	
Mechanical Life	500 mating cycles									
Operating Temperature	- 45℃ - 105℃									
Voltage Rating	300V	300V	125V	60V	60V	60V	60V	60V	30V	30V
Rated Current (40℃)	10A	10A	10A	5A	5A	10A+5A	10A+2A	5A	2A	2A

STANDARD SERIES

CHOGORI USA

Standard Series Specifications

Standard Series, Panel Mount & Male Pin

Description	Panel Rear Mount, Screw Type, Solder	Panel Rear Mount, Lock Bayonet Type, Solder	Panel Rear Mount, Push Lock Type, Solder																																																																		
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Specifications

Number of Contacts	2	3	4	5	6	2+4	3+4	8	10	12
Wire Gauge	18AWG			20AWG		18AWG*2C/3C 20AWG*4C		20AWG	22AWG	
Panel Thickness	Max. 5.0mm				Max. 5.0mm				Max. 5.5mm	
Environmental Protection	IP68				IP67				IP67	
Mechanical Life	500 mating cycles									
Operating Temperature	- 45℃ - 105℃									
Voltage Rating	300V	300V	125V	60V	60V	60V	60V	60V	30V	30V
Rated Current (40℃)	10A	10A	10A	5A	5A	10A+5A	10A+2A	5A	2A	2A

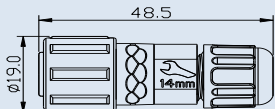
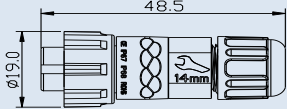
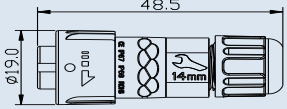
STANDARD SERIES

CHOGORI USA

Standard Series Specifications

Standard Series, Male Connector & Female Pin

Description	Field Installable, 180° Screw Type, Solder	Field Installable, 180° Lock Bayonet Type, Solder	Field Installable, 180° Push Lock Type, Solder
Figure			

Drawing			
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Part Number	Contacts	Cable Range(mm)	Part Number	Contacts	Cable Range(mm)	Part Number	Contacts	Cable Range(mm)	Part Number
	2	3.5 - 6.8	22002211-01	2	3.5 - 6.8	22002221-01	2	3.5 - 6.8	22002231-01
	3	3.5 - 6.8	22003211-01	3	3.5 - 6.8	22003221-01	3	3.5 - 6.8	22003231-01
	4	3.5 - 6.8	22004211-01	4	3.5 - 6.8	22004221-01	4	3.5 - 6.8	22004231-01
	5	3.5 - 6.8	22005211-01	5	3.5 - 6.8	22005221-01	5	3.5 - 6.8	22005231-01
	6	3.5 - 6.8	22006211-01	6	3.5 - 6.8	22006221-01	6	3.5 - 6.8	22006231-01
	2+4	3.5 - 6.8	22204211-01	2+4	3.5 - 6.8	22204221-01	2+4	3.5 - 6.8	22204231-01
	3+4	3.5 - 6.8	22304211-01	3+4	3.5 - 6.8	22304221-01	3+4	3.5 - 6.8	22304231-01
	8	3.5 - 6.8	22008211-01	8	3.5 - 6.8	22008221-01	8	3.5 - 6.8	22008231-01
	10	3.5 - 6.8	22010211-01	10	3.5 - 6.8	22010221-01	10	3.5 - 6.8	22010231-01
	12	3.5 - 6.8	22012211-01	12	3.5 - 6.8	22012221-01	12	3.5 - 6.8	22012231-01

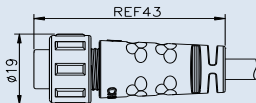
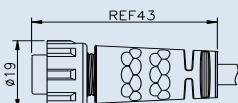
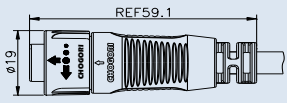
Specifications										
Number of Contacts	2	3	4	5	6	2+4	3+4	8	10	12
Wire Gauge	18AWG			20AWG		18AWG*2C/3C 20AWG*4C		20AWG	22AWG	
Cable Range	3.5mm - 6.8 mm									
Environmental Protection	IP68				IP67				IP67	
Mechanical Life	500 mating cycles									
Operating Temperature	- 45℃ - 105℃									
Voltage Rating	300V	300V	125V	60V	60V	60V	60V	60V	30V	30V
Rated Current (40℃)	10A	10A	10A	5A	5A	10A+5A	10A+2A	5A	2A	2A

STANDARD SERIES

CHOGORI USA

Standard Series Specifications

Standard Series, Male Connector & Female Pin

Description	Molded with Cable, 180° Screw Type, Solder	Molded with Cable, 180° Lock Bayonet Type, Solder	Molded with Cable, 180° Push Lock Type, Solder																																																																																																			
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Drawing																																																																																																						
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Specifications										
Number of Contacts	2	3	4	5	6	2+4	3+4	8	10	12
Wire Gauge	18AWG			20AWG		18AWG*2C/3C 20AWG*4C		20AWG	22AWG	
Cable Range	Max. 9.0 mm									
Environmental Protection	IP67				IP67				IP67	
Mechanical Life	500 mating cycles									
Operating Temperature	- 40℃ - 80℃									
Voltage Rating	300V	300V	125V	60V	60V	60V	60V	60V	30V	30V
Rated Current (40℃)	10A	10A	10A	5A	5A	10A+5A	10A+2A	5A	2A	2A

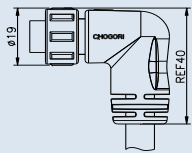
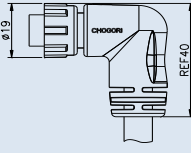
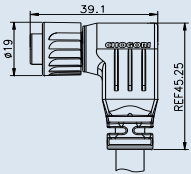
STANDARD SERIES

CHOGORI USA

Standard Series Specifications

Standard Series, Male Connector & Female Pin

Description	Molded with Cable, 90° Screw Type, Solder	Molded with Cable, 90° Lock Bayonet Type, Solder	Molded with Cable, 90° Push Lock Type, Solder
Figure			

Drawing			
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Part Number	Contacts	Cable Range(mm)	Part Number	Contacts	Cable Range(mm)	Part Number	Contacts	Cable Range(mm)	Part Number
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	3	Max. 9.0	22003214-01-XXX	3	Max. 9.0	22003224-01-XXX	3	Max. 9.0	22003234-01-XXX
	4	Max. 9.0	22004214-01-XXX	4	Max. 9.0	22004224-01-XXX	4	Max. 9.0	22004234-01-XXX
	5	Max. 9.0	22005214-01-XXX	5	Max. 9.0	22005224-01-XXX	5	Max. 9.0	22005234-01-XXX
	6	Max. 9.0	22006214-01-XXX	6	Max. 9.0	22006224-01-XXX	6	Max. 9.0	22006234-01-XXX
	2+4	Max. 9.0	22204214-01-XXX	2+4	Max. 9.0	22204224-01-XXX	2+4	Max. 9.0	22204234-01-XXX
	3+4	Max. 9.0	22304214-01-XXX	3+4	Max. 9.0	22304224-01-XXX	3+4	Max. 9.0	22304234-01-XXX
	8	Max. 9.0	22008214-01-XXX	8	Max. 9.0	22008224-01-XXX	8	Max. 9.0	22008234-01-XXX
	10	Max. 9.0	22010214-01-XXX	10	Max. 9.0	22010224-01-XXX	10	Max. 9.0	22010234-01-XXX
	12	Max. 9.0	22012214-01-XXX	12	Max. 9.0	22012224-01-XXX	12	Max. 9.0	22012234-01-XXX

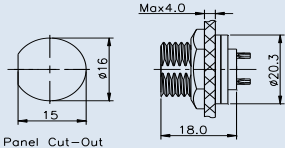
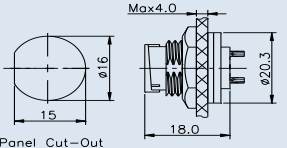
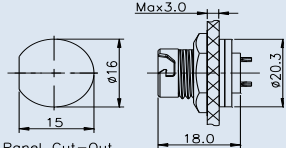
Specifications										
Number of Contacts	2	3	4	5	6	2+4	3+4	8	10	12
Wire Gauge	18AWG			20AWG		18AWG*2C/3C 20AWG*4C		20AWG	22AWG	
Cable Range	Max. 9.0 mm									
Environmental Protection	IP67				IP67				IP67	
Mechanical Life	500 mating cycles									
Operating Temperature	- 40℃ - 80℃									
Voltage Rating	300V	300V	125V	60V	60V	60V	60V	60V	30V	30V
Rated Current(40℃)	10A	10A	10A	5A	5A	10A+5A	10A+2A	5A	2A	2A

STANDARD SERIES

CHOGORI USA

Standard Series Specifications

Standard Series, Panel Mount & Female Pin

Description	Panel Front Mount, Screw Type, Solder	Panel Front Mount, Lock Bayonet Type, Solder	Panel Front Mount, Push Lock Type, Solder																																																
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Specifications

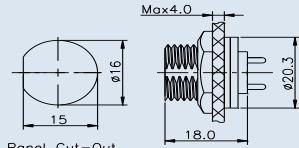
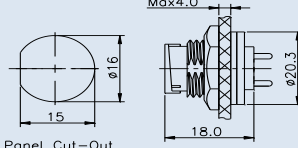
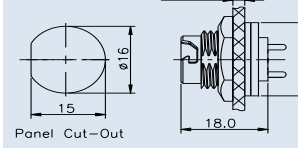
Number of Contacts	2	3	4	5	6	2+4	2+6
Wire Gauge	18AWG			20AWG		18AWG*2C 22AWG*4C	20AWG*2C 22AWG*6C
Panel Thickness	Max. 4.0mm			Max. 4.0mm			Max. 3.0mm
Environmental Protection	IP68			IP67			IP67
Mechanical Life	500 mating cycles						
OperatingTemperature	- 45℃ - 105℃						
Voltage Rating	300V	300V	125V	60V	60V	60V	30V
Rated Current (40℃)	10A	10A	10A	5A	5A	10A+2A	5A+2A

STANDARD SERIES

CHOGORI USA

Standard Series Specifications

Standard Series, Panel Mount & Female Pin

Description	Panel Front Mount, Screw Type, PCB	Panel Front Mount, Lock Bayonet Type, PCB	Panel Front Mount, Push Lock Type, PCB																																																
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Specifications

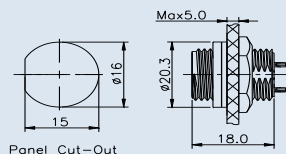
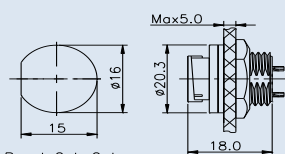
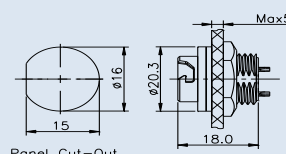
Number of Contacts	2	3	4	5	6	2+4	2+6
Wire Gauge	18AWG			20AWG		18AWG*2C 22AWG*4C	20AWG*2C 22AWG*6C
Panel Thickness	Max. 4.0mm			Max. 4.0mm			Max. 3.0mm
Environmental Protection	IP68			IP67			IP67
Mechanical Life	500 mating cycles						
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STANDARD SERIES

CHOGORI USA

Standard Series Specifications

Standard Series, Panel Mount & Female Pin

Description	Panel Rear Mount, Screw Type, Solder	Panel Rear Mount, Lock Bayonet Type, Solder	Panel Rear Mount, Push Lock Type, Solder																																																
Figure																																																			
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Part Number	<table><tr><td>Contacts</td><td>Part Number</td></tr><tr><td>2</td><td>22002615-03 </td></tr><tr><td>3</td><td>22003615-03 </td></tr><tr><td>4</td><td>22004615-03 </td></tr><tr><td>5</td><td>22005615-03 </td></tr><tr><td>6</td><td>22006615-03 </td></tr><tr><td>2+4</td><td>22204615-03</td></tr><tr><td>2+6</td><td>22206615-03</td></tr></table>	Contacts	Part Number	2	22002615-03 	3	22003615-03 	4	22004615-03 	5	22005615-03 	6	22006615-03 	2+4	22204615-03	2+6	22206615-03	<table><tr><td>Contacts</td><td>Part Number</td></tr><tr><td>2</td><td>22002625-03 </td></tr><tr><td>3</td><td>22003625-03 </td></tr><tr><td>4</td><td>22004625-03 </td></tr><tr><td>5</td><td>22005625-03 </td></tr><tr><td>6</td><td>22006625-03 </td></tr><tr><td>2+4</td><td>22204625-03</td></tr><tr><td>2+6</td><td>22206625-03</td></tr></table>	Contacts	Part Number	2	22002625-03 	3	22003625-03 	4	22004625-03 	5	22005625-03 	6	22006625-03 	2+4	22204625-03	2+6	22206625-03	<table><tr><td>Contacts</td><td>Part Number</td></tr><tr><td>2</td><td>22002635-03 </td></tr><tr><td>3</td><td>22003635-03 </td></tr><tr><td>4</td><td>22004635-03 </td></tr><tr><td>5</td><td>22005635-03 </td></tr><tr><td>6</td><td>22006635-03 </td></tr><tr><td>2+4</td><td>22204635-03</td></tr><tr><td>2+6</td><td>22206635-03</td></tr></table>	Contacts	Part Number	2	22002635-03 	3	22003635-03 	4	22004635-03 	5	22005635-03 	6	22006635-03 	2+4	22204635-03	2+6	22206635-03
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Specifications

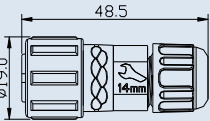
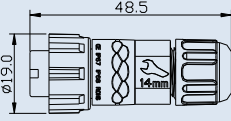
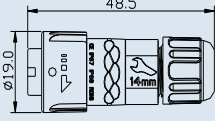
Number of Contacts	2	3	4	5	6	2+4	2+6
Wire Gauge	18AWG			20AWG		18AWG*2C 2AWG*4C	20AWG*2C 22AWG*6C
Panel Thickness	Max. 5.0mm			Max. 5.0mm			Max. 5.5mm
Environmental Protection	IP68			IP67			IP67
Mechanical Life	500 mating cycles						
OperatingTemperature	- 45℃ - 105℃						
Voltage Rating	300V	300V	125V	60V	60V	60V	30V
Rated Current (40℃)	10A	10A	10A	5A	5A	10A+2A	5A+2A

STANDARD SERIES

CHOGORI USA

Standard Series Specifications

Standard Series, Male Connector & Male Pin

Description	Field Installable, 180° Screw Type, Solder	Field Installable, 180° Lock Bayonet Type, Solder	Field Installable, 180° Push Lock Type, Solder
Figure			
Drawing			

Part Number	Contacts	Cable Range(mm)	Part Number	Contacts	Cable Range(mm)	Part Number	Contacts	Cable Range(mm)	Part Number
	2	3.5 - 6.8	22002111-01	2	3.5 - 6.8	22002121-01	2	3.5 - 6.8	22002131-01
	3	3.5 - 6.8	22003111-01	3	3.5 - 6.8	22003121-01	3	3.5 - 6.8	22003131-01
	4	3.5 - 6.8	22004111-01	4	3.5 - 6.8	22004121-01	4	3.5 - 6.8	22004131-01
	5	3.5 - 6.8	22005111-01	5	3.5 - 6.8	22005121-01	5	3.5 - 6.8	22005131-01
	6	3.5 - 6.8	22006111-01	6	3.5 - 6.8	22006121-01	6	3.5 - 6.8	22006131-01
	2+4	3.5 - 6.8	22204111-01	2+4	3.5 - 6.8	22204121-01	2+4	3.5 - 6.8	22204131-01
	2+6	3.5 - 6.8	22206111-01	2+6	3.5 - 6.8	22206121-01	2+6	3.5 - 6.8	22206131-01

Specifications

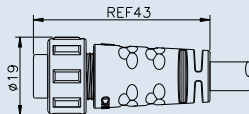
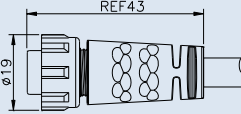
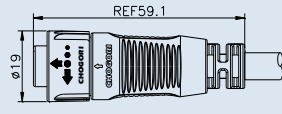
Number of Contacts	2	3	4	5	6	2+4	2+6
Wire Gauge	18AWG			20AWG		18AWG*2C 22AWG*4C	20AWG*2C 22AWG*6C
Cable Range	3.5mm - 6.8mm						
Environmental Protection	IP68			IP67			IP67
Mechanical Life	500 mating cycles						
OperatingTemperature	- 45℃ - 105℃						
Voltage Rating	300V	300V	125V	60V	60V	60V	30V
Rated Current (40℃)	10A	10A	10A	5A	5A	10A+2A	5A+2A

STANDARD SERIES

CHOGORI USA

Standard Series Specifications

Standard Series, Male Connector & Male Pin

Description	Molded with Cable, 180° Screw Type, Solder	Molded with Cable, 180° Lock Bayonet Type, Solder	Molded with Cable, 180° Push Lock Type, Solder						
Figure									
Drawing									
Part Number	Contacts	Cable Range(mm)	Part Number	Contacts	Cable Range(mm)	Part Number	Contacts	Cable Range(mm)	Part Number
	2	Max. 9.0	22002113-01-XXX 	2	Max. 9.0	22002123-01-XXX 	2	Max. 9.0	22002133-01-XXX 
	3	Max. 9.0	22003113-01-XXX 	3	Max. 9.0	22003123-01-XXX 	3	Max. 9.0	22003133-01-XXX 
	4	Max. 9.0	22004113-01-XXX 	4	Max. 9.0	22004123-01-XXX 	4	Max. 9.0	22004133-01-XXX 
	5	Max. 9.0	22005113-01-XXX 	5	Max. 9.0	22005123-01-XXX 	5	Max. 9.0	22005133-01-XXX 
	6	Max. 9.0	22006113-01-XXX 	6	Max. 9.0	22006123-01-XXX 	6	Max. 9.0	22006133-01-XXX 
	2+4	Max. 9.0	22204113-01-XXX	2+4	Max. 9.0	22204123-01-XXX	2+4	Max. 9.0	22204133-01-XXX
	2+6	Max. 9.0	22206113-01-XXX	2+6	Max. 9.0	22206123-01-XXX	2+6	Max. 9.0	22206133-01-XXX

Specifications

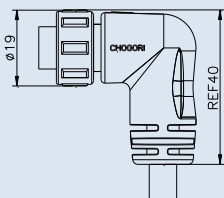
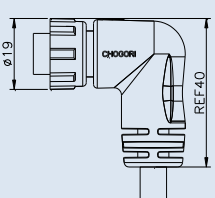
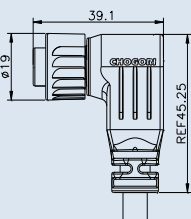
Number of Contacts	2	3	4	5	6	2+4		2+6	
Wire Gauge	18AWG			20AWG		18AWG*2C 22AWG*4C		20AWG*2C 22AWG*6C	
Cable Range	Max. 9.0 mm								
Environmental Protection	IP67			IP67				IP67	
Mechanical Life	500 mating cycles								
OperatingTemperature	- 40℃ - 80℃								
Voltage Rating	300V	300V	125V	60V	60V	60V			30V
Rated Current (40℃)	10A	10A	10A	5A	5A	10A+2A			5A+2A

STANDARD SERIES

CHOGORI USA

Standard Series Specifications

Standard series, Male connector & Male Pin

Description	Molded with Cable, 90° Screw Type, Solder	Molded with Cable, 90° Lock Bayonet Type, Solder	Molded with Cable, 90° Push Lock Type, Solder
Figure			
Drawing			

Part Number	Contacts	Cable Range(mm)	Part Number	Contacts	Cable Range(mm)	Part Number	Contacts	Cable Range(mm)	Part Number
	2	Max. 9.0	22002114-01-XXX	2	Max. 9.0	22002124-01-XXX	2	Max. 9.0	22002134-01-XXX
	3		2200311401-XXX	3		22003124-01-XXX	3		22003134-01-XXX
	4		22004114-01-XXX	4		22004124-01-XXX	4		22004134-01-XXX
	5		22005114-01-XXX	5		22005124-01-XXX	5		22005134-01-XXX
	6		22006114-01-XXX	6		22006124-01-XXX	6		22006134-01-XXX
	2+4		22204114-01-XXX	2+4		22204124-01-XXX	2+4		22204134-01-XXX
	2+6		22206114-01-XXX	2+6		22206124-01-XXX	2+6		22206134-01-XXX

Specifications

Number of Contacts	2	3	4	5	6	2+4	2+6
Wire Gauge	18AWG			20AWG		18AWG*2C 22AWG*4C	20AWG*2C 22AWG*6C
Cable Range	Max. 9.0 mm						
Environmental Protection	IP67			IP67			IP67
Mechanical Life	500 mating cycles						
OperatingTemperature	- 40℃ - 80℃						
Voltage Rating	300V	300V	125V	60V	60V	60V	30V
Rated Current (40℃)	10A	10A	10A	5A	5A	10A+2A	5A+2A

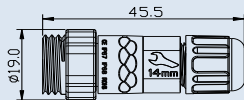
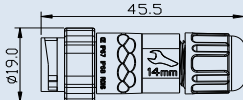
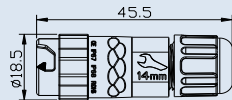
STANDARD SERIES

CHOGORI USA

Standard Series Specifications

Standard Series, Female Connector & Male Pin

Description	Field Installable, 180° Screw Type, Solder	Field Installable, 180° Lock Bayonet Type, Solder	Field Installable, 180° Push Lock Type, Solder
Figure			

Drawing			
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Part Number	Contacts	Cable Range(mm)	Part Number	Contacts	Cable Range(mm)	Part Number	Contacts	Cable Range(mm)	Part Number
	2	3.5 - 6.8	22002311-01	2	3.5 - 6.8	22002321-01	2	3.5 - 6.8	22002331-01
	3	3.5 - 6.8	22003311-01	3	3.5 - 6.8	22003321-01	3	3.5 - 6.8	22003331-01
	4	3.5 - 6.8	22004311-01	4	3.5 - 6.8	22004321-01	4	3.5 - 6.8	22004331-01
	5	3.5 - 6.8	22005311-01	5	3.5 - 6.8	22005321-01	5	3.5 - 6.8	22005331-01
	6	3.5 - 6.8	22006311-01	6	3.5 - 6.8	22006321-01	6	3.5 - 6.8	22006331-01
	2+4	3.5 - 6.8	22204311-01	2+4	3.5 - 6.8	22204321-01	2+4	3.5 - 6.8	22204331-01
	3+4	3.5 - 6.8	22304311-01	3+4	3.5 - 6.8	22304321-01	3+4	3.5 - 6.8	22304331-01
	8	3.5 - 6.8	22008311-01	8	3.5 - 6.8	22008321-01	8	3.5 - 6.8	22008331-01
	10	3.5 - 6.8	22010311-01	10	3.5 - 6.8	22010321-01	10	3.5 - 6.8	22010331-01
	12	3.5 - 6.8	22012311-01	12	3.5 - 6.8	22012321-01	12	3.5 - 6.8	22012331-01

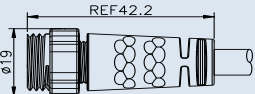
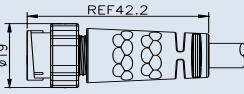
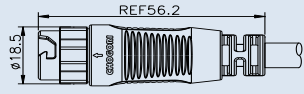
Specifications										
Number of Contacts	2	3	4	5	6	2+4	3+4	8	10	12
Wire Gauge	18AWG			20AWG		18AWG*2C/3C 20AWG*4C		20AWG	22AWG	
Cable Range	3.5mm - 6.8mm									
Environmental Protection	IP68				IP67				IP67	
Mechanical Life	500 mating cycles									
Operating Temperature	- 45℃ - 105℃									
Voltage Rating	300V	300V	125V	60V	60V	60V	60V	60V	30V	30V
Rated Current (40℃)	10A	10A	10A	5A	5A	10A+5A	10A+2A	5A	2A	2A

STANDARD SERIES

CHOGORI USA

Standard Series Specifications

Standard Series, Female Connector & Male Pin

Description	Molded with Cable, 180° Screw Type, Solder	Molded with Cable, 180° Lock Bayonet Type, Solder	Molded with Cable, 180° Push Lock Type, Solder
Figure			
Drawing			

Part Number	Contacts	Cable Range(mm)	Part Number	Contacts	Cable Range(mm)	Part Number	Contacts	Cable Range(mm)	Part Number
	2	Max. 9.0	22002313-01-XXX	2	Max. 9.0	22002323-01-XXX	2	Max. 9.0	22002333-01-XXX
	3	Max. 9.0	22003313-01-XXX	3	Max. 9.0	22003323-01-XXX	3	Max. 9.0	22003333-01-XXX
	4	Max. 9.0	22004313-01-XXX	4	Max. 9.0	22004323-01-XXX	4	Max. 9.0	22004333-01-XXX
	5	Max. 9.0	22005313-01-XXX	5	Max. 9.0	22005323-01-XXX	5	Max. 9.0	22005333-01-XXX
	6	Max. 9.0	22006313-01-XXX	6	Max. 9.0	22006323-01-XXX	6	Max. 9.0	22006333-01-XXX
	2+4	Max. 9.0	22204313-01-XXX	2+4	Max. 9.0	22204323-01-XXX	2+4	Max. 9.0	22204333-01-XXX
	3+4	Max. 9.0	22304313-01-XXX	3+4	Max. 9.0	22304323-01-XXX	3+4	Max. 9.0	22304333-01-XXX
	8	Max. 9.0	22008313-01-XXX	8	Max. 9.0	22008323-01-XXX	8	Max. 9.0	22008333-01-XXX
	10	Max. 9.0	22010313-01-XXX	10	Max. 9.0	22010323-01-XXX	10	Max. 9.0	22010333-01-XXX
	12	Max. 9.0	22012313-01-XXX	12	Max. 9.0	22012323-01-XXX	12	Max. 9.0	22012333-01-XXX

Specifications

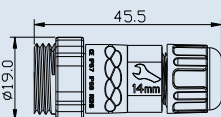
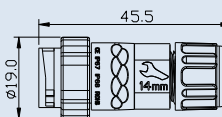
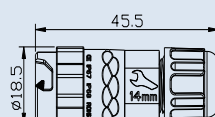
Number of Contacts	2	3	4	5	6	2+4	3+4	8	10	12
Wire Gauge	18AWG			20AWG		18AWG*2C/3C 20AWG*4C		20AWG	22AWG	
Cable Range	Max. 9.0 mm									
Environmental Protection	IP67				IP67				IP67	
Mechanical Life	500 mating cycles									
Operating Temperature	- 40℃ - 80℃									
Voltage Rating	300V	300V	125V	60V	60V	60V	60V	60V	30V	30V
Rated Current (40℃)	10A	10A	10A	5A	5A	10A+5A	10A+2A	5A	2A	2A

STANDARD SERIES

CHOGORI USA

Standard Series Specifications

Standard Series, Female Connector & Female Pin

Description	Field Installable, 180° Screw Type, Solder	Field Installable, 180° Lock Bayonet Type,Solder	Field Installable, 180° Push Lock Type, Solder																																																																								
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Part Number	<table><tr><th>Contacts</th><th>Cable Range(mm)</th><th>Part Number</th></tr><tr><td>2</td><td>3.5 - 6.8</td><td>22002411-01</td></tr><tr><td>3</td><td>3.5 - 6.8</td><td>22003411-01</td></tr><tr><td>4</td><td>3.5 - 6.8</td><td>22004411-01</td></tr><tr><td>5</td><td>3.5 - 6.8</td><td>22005411-01</td></tr><tr><td>6</td><td>3.5 - 6.8</td><td>22006411-01</td></tr><tr><td>2+4</td><td>3.5 - 6.8</td><td>22204411-01</td></tr><tr><td>2+6</td><td>3.5 - 6.8</td><td>22206411-01</td></tr></table>	Contacts	Cable Range(mm)	Part Number	2	3.5 - 6.8	22002411-01	3	3.5 - 6.8	22003411-01	4	3.5 - 6.8	22004411-01	5	3.5 - 6.8	22005411-01	6	3.5 - 6.8	22006411-01	2+4	3.5 - 6.8	22204411-01	2+6	3.5 - 6.8	22206411-01	<table><tr><th>Contacts</th><th>Cable Range(mm)</th><th>Part Number</th></tr><tr><td>2</td><td>3.5 - 6.8</td><td>22002421-01</td></tr><tr><td>3</td><td>3.5 - 6.8</td><td>22003421-01</td></tr><tr><td>4</td><td>3.5 - 6.8</td><td>22004421-01</td></tr><tr><td>5</td><td>3.5 - 6.8</td><td>22005421-01</td></tr><tr><td>6</td><td>3.5 - 6.8</td><td>22006421-01</td></tr><tr><td>2+4</td><td>3.5 - 6.8</td><td>22204421-01</td></tr><tr><td>2+6</td><td>3.5 - 6.8</td><td>22206421-01</td></tr></table>	Contacts	Cable Range(mm)	Part Number	2	3.5 - 6.8	22002421-01	3	3.5 - 6.8	22003421-01	4	3.5 - 6.8	22004421-01	5	3.5 - 6.8	22005421-01	6	3.5 - 6.8	22006421-01	2+4	3.5 - 6.8	22204421-01	2+6	3.5 - 6.8	22206421-01	<table><tr><th>Contacts</th><th>Cable Range(mm)</th><th>Part Number</th></tr><tr><td>2</td><td>3.5 - 6.8</td><td>22002431-01</td></tr><tr><td>3</td><td>3.5 - 6.8</td><td>22003431-01</td></tr><tr><td>4</td><td>3.5 - 6.8</td><td>22004431-01</td></tr><tr><td>5</td><td>3.5 - 6.8</td><td>22005431-01</td></tr><tr><td>6</td><td>3.5 - 6.8</td><td>22006431-01</td></tr><tr><td>2+4</td><td>3.5 - 6.8</td><td>22204431-01</td></tr><tr><td>2+6</td><td>3.5 - 6.8</td><td>22206431-01</td></tr></table>	Contacts	Cable Range(mm)	Part Number	2	3.5 - 6.8	22002431-01	3	3.5 - 6.8	22003431-01	4	3.5 - 6.8	22004431-01	5	3.5 - 6.8	22005431-01	6	3.5 - 6.8	22006431-01	2+4	3.5 - 6.8	22204431-01	2+6	3.5 - 6.8	22206431-01
Contacts	Cable Range(mm)	Part Number																																																																									
2	3.5 - 6.8	22002411-01																																																																									
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5	3.5 - 6.8	22005411-01																																																																									
6	3.5 - 6.8	22006411-01																																																																									
2+4	3.5 - 6.8	22204411-01																																																																									
2+6	3.5 - 6.8	22206411-01																																																																									
Contacts	Cable Range(mm)	Part Number																																																																									
2	3.5 - 6.8	22002421-01																																																																									
3	3.5 - 6.8	22003421-01																																																																									
4	3.5 - 6.8	22004421-01																																																																									
5	3.5 - 6.8	22005421-01																																																																									
6	3.5 - 6.8	22006421-01																																																																									
2+4	3.5 - 6.8	22204421-01																																																																									
2+6	3.5 - 6.8	22206421-01																																																																									
Contacts	Cable Range(mm)	Part Number																																																																									
2	3.5 - 6.8	22002431-01																																																																									
3	3.5 - 6.8	22003431-01																																																																									
4	3.5 - 6.8	22004431-01																																																																									
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6	3.5 - 6.8	22006431-01																																																																									
2+4	3.5 - 6.8	22204431-01																																																																									
2+6	3.5 - 6.8	22206431-01																																																																									

Specifications

Number of Contacts	2	3	4	5	6	2+4	2+6
Wire Gauge	18AWG			20AWG		18AWG*2C 22AWG*4C	20AWG*2C 22AWG*6C
Cable Range	3.5mm - 6.8mm						
Environmental Protection	IP68			IP67			IP67
Mechanical Life	500 mating cycles						
Operating Temperature	- 45℃ - 105℃						
Voltage Rating	300V	300V	125V	60V	60V	60V	30V
Rated Current (40℃)	10A	10A	10A	5A	5A	10A+2A	5A+2A

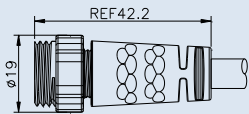
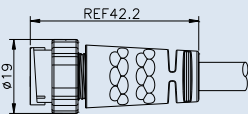
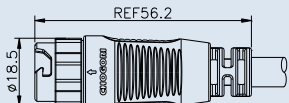
STANDARD SERIES

CHOGORI USA

Standard Series Specifications

Standard Series, Female Connector & Female Pin

Description	Molded with Cable, 180° Screw Type, Solder	Molded with Cable, 180° Lock Bayonet Type, Solder	Molded with Cable, 180° Push Lock Type, Solder
Figure			

Drawing			
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Part Number	Contacts	Cable Range(mm)	Part Number	Contacts	Cable Range(mm)	Part Number	Contacts	Cable Range(mm)	Part Number
	2	Max. 9.0	22002413-01-XXX 	2	Max. 9.0	22002423-01-XXX 	2	Max. 9.0	22002433-01-XXX 
	3	Max. 9.0	22003413-01-XXX 	3	Max. 9.0	22003423-01-XXX 	3	Max. 9.0	22003433-01-XXX 
	4	Max. 9.0	22004413-01-XXX 	4	Max. 9.0	22004423-01-XXX 	4	Max. 9.0	22004433-01-XXX 
	5	Max. 9.0	22005413-01-XXX 	5	Max. 9.0	22005423-01-XXX 	5	Max. 9.0	22005433-01-XXX 
	6	Max. 9.0	22006413-01-XXX 	6	Max. 9.0	22006423-01-XXX 	6	Max. 9.0	22006433-01-XXX 
	2+4	Max. 9.0	22204413-01-XXX	2+4	Max. 9.0	22204423-01-XXX	2+4	Max. 9.0	22204433-01-XXX
	2+6	Max. 9.0	22206413-01-XXX	2+6	Max. 9.0	22206423-01-XXX	2+6	Max. 9.0	22206433-01-XXX

Specifications

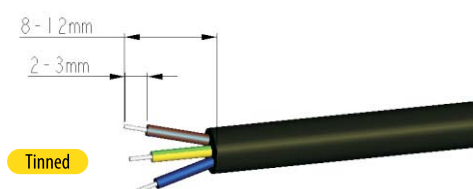
Number of Contacts	2	3	4	5	6	2+4	2+6
Wire Gauge	18AWG			20AWG		18AWG*2C 22AWG*4C	20AWG*2C 22AWG*6C
Cable Range	Max. 9.0 mm						
Environmental Protection	IP67			IP67			IP67
Mechanical Life	500 mating cycles						
OperatingTemperature	- 40℃ - 80℃						
Voltage Rating	300V	300V	125V	60V	60V	60V	30V
Rated Current (40℃)	10A	10A	10A	5A	5A	10A+2A	5A+2A

1. Middle Series, Assembly Instruction.....	P52
2. Middle Series, Front Panel Mount & Male Pin.....	P53 - P54
3. Middle Series, Flange Panel Mount	P55
4. Middle Series, Rear Panel Mount & Male Pin	P56
5. Middle Series, Male connector & Female Pin.....	P57 - P59
6. Middle Series, Front Panel Mount & Female Pin	P60 - P61
7. Middle Series, Rear Panel Mount & Female Pin.....	P62
8. Middle Series, Male connector & Male Pin.....	P63 - P65
9. Middle Series, Female connector & Male Pin.....	P66 - P67
10. Middle Series, Female connector & Female Pin.....	P68 - P69
11. Middle Series, Metal system	P70 - P71

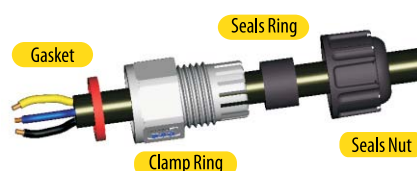


CHOGORI USA

1 Strip and prepare Cable.



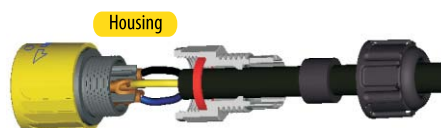
2 Thread Seals Nut, Seals Ring, Clamp Ring and Gasket onto the cable.



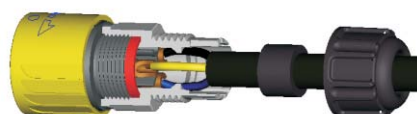
3 Solder wire.



4 Assemble Gasket into Clamp ring: Gasket Direction (Flat Surface to Housing)



5 Assemble Clamp Ring to Housing



6 Put Seals Ring to the end of Clamp Ring.



7 Assemble Seals Nut and Clamp Ring.

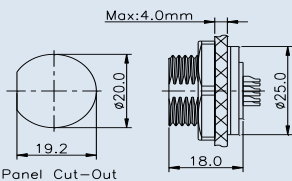
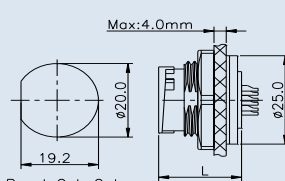
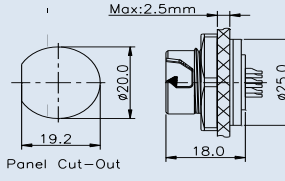


MIDDLE SERIES

CHOGORI USA

Middle Series Specifications

Middle Series, Front Panel Mount & Male Pin

Description	Front Panel Mount Screw Type, Solder	Front Panel Mount Lock bayonet Type, Solder	Front Panel Mount Push Lock Type, Solder																																																																																				
Figure																																																																																							
Drawing		Note: 9.10 positions, L=17.0 other positions, L=18.0 																																																																																					
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Specifications													
Number of Contacts	2	3	4	5	6	7	8	3+5	9	10	12	14	18
Wire Gauge	14AWG		17AWG	18AWG		22AWG		17AWG + 24AWG	22AWG	24AWG			
Panel Thickness	Max. 4.0mm				Max. 4.0mm				Max. 2.5mm				
Environmental Protection	IP68				IP67				IP67				
Mechanical Life	500 mating cycles												
Operating Temperature	- 45℃ - 105℃												
Voltage Rating	300V	300V	300V	125V	125V	60V	60V	125+30V	60V	30V	30V	30V	30V
Rated Current(40℃)	20A	20A	15A	10A	10A	5A	5A	15A+2A	5A	5A	5A	5A	2A

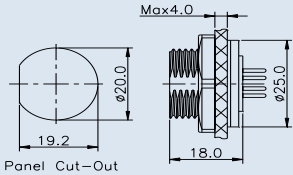
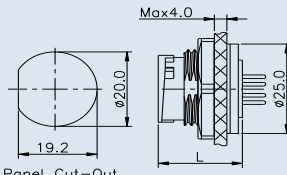
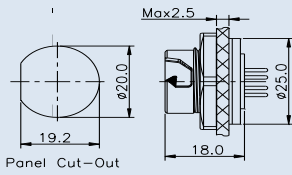
MIDDLE SERIES

CHOGORI USA

Middle Series Specifications

Middle Series, Front Panel Mount & Male Pin

Description	Front Panel Mount Screw Type, PCB	Front Panel Mount Lock bayonet Type, PCB	Front Panel Mount Push Lock Type, PCB
Figure			

Drawing	 Max 4.0 19.2 20.0 18.0 25.0 Panel Cut-Out	Note: 9,10 positions, L=17.0 other positions, L=18.0  Max 4.0 19.2 20.0 18.0 25.0 Panel Cut-Out	 Max 2.5 19.2 20.0 18.0 25.0 Panel Cut-Out
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Part-No.	Contacts	Part-Number	Contacts	Part-Number	Contacts	Part-Number
	2	23002515-02	2	23002525-02	2	23002535-02
	3	23003515-02	3	23003525-02	3	23003535-02
	4	23004515-02	4	23004525-02	4	23004535-02
	5	23005515-02	5	23005525-02	5	23005535-02
	6	23006515-02	6	23006525-02	6	23006535-02
	7	23007515-02	7	23007525-02	7	23007535-02
	8	23008515-02	8	23008525-02	8	23008535-02
	3+5	23305515-02	3+5	23305525-02	3+5	23305535-02
	9	23009515-02	9	23009525-02	9	23009535-02
	10	23010515-02	10	23010525-02	10	23010535-02
	12	23012515-02	12	23012525-02	12	23012535-02
	14	23014515-02	14	23014525-02	14	23014535-02
	18	23018515-02	18	23018525-02	18	23018535-02

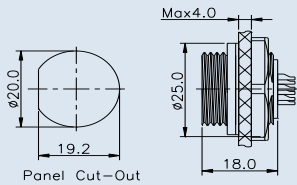
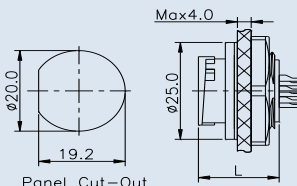
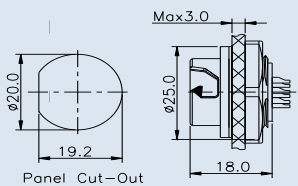
Specifications													
Number of Contacts	2	3	4	5	6	7	8	3+5	9	10	12	14	18
Wire Gauge	14AWG		17AWG	18AWG		22AWG		17AWG + 24AWG	22AWG	24AWG			
Panel Thickness	Max. 4.0mm				Max. 4.0mm				Max. 2.5mm				
Environmental Protection	IP68				IP67				IP67				
Mechanical Life	500 mating cycles												
Operating Temperature	- 45℃ - 105℃												
Voltage Rating	300V	300V	300V	125V	125V	60V	60V	125+30V	60V	30V	30V	30V	30V
Rated Current(40℃)	20A	20A	15A	10A	10A	5A	5A	15A+2A	5A	5A	5A	5A	2A

MIDDLE SERIES

CHOGORI USA

Middle Series Specifications

Middle Series, Rear Panel Mount & Male Pin

Description	Rear Panel Mount Screw Type, Solder	Rear Panel Mount Lock bayonet Type, Solder	Rear Panel Mount Push Lock Type, Solder																																																																																				
Figure																																																																																							
Drawing		Note: 9.10 positions, L=17.0 other positions, L=18.0 																																																																																					
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14	23014535-03																																																																																						
18	23018535-03																																																																																						

Specifications

Number of Contacts	2	3	4	5	6	7	8	3+5	9	10	12	14	18
Wire Gauge	14AWG		17AWG	18AWG		22AWG		17AWG + 24AWG	22AWG	24AWG			
Panel Thickness	Max. 4.0mm				Max. 4.0mm					Max. 3.0mm			
Environmental Protection	IP68				IP67					IP67			
Mechanical Life	500 mating cycles												
OperatingTemperature	- 45℃ - 105℃												
Voltage Rating	300V	300V	300V	125V	125V	60V	60V	125+30V	60V	30V	30V	30V	30V
Rated Current(40℃)	20A	20A	15A	10A	10A	5A	5A	15A+2A	5A	5A	5A	5A	2A

MIDDLE SERIES

CHOGORI USA

Middle Series Specifications

Middle Series, Flange Panel Mount

Description

Flange Panel Mount With Male Pin
Push Lock Type, Solder

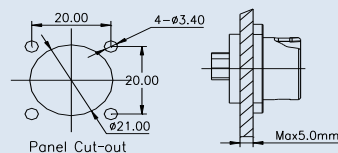
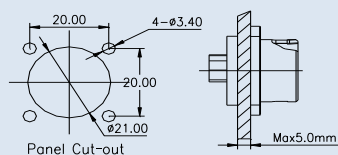
Figure



Flange Panel Mount With Female Pin
Push Lock Type, Solder



Drawing



Part-No.

Contacts	Part-Number	Contacts	Part-Number
2	23002536-01	2	23002636-01
3	23003536-01	3	23003636-01
4	23004536-01	4	23004636-01
5	23005536-01	5	23005636-01
6	23006536-01	6	23006636-01
7	23007536-01	7	23007636-01
8	23008536-01	8	23008636-01
9	23009536-01	9	23009636-01
10	23010536-01	10	23010636-01
12	23012536-01	12	23012636-01
14	23014536-01	14	23014636-01
18	23018536-01	18	23018636-01

Specifications

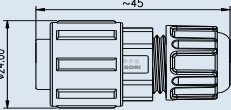
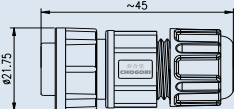
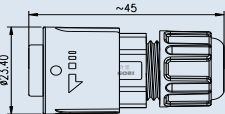
Number of Contacts	2	3	4	5	6	7	8	9	10	12	14	18
Wire Gauge	14AWG		17AWG	18AWG		22AWG			24AWG			
Panel Thickness	Max. 5.0mm											
Environmental Protection	IP67											
Mechanical Life	500 mating cycles											
OperatingTemperature	- 45℃ - 105℃											
Voltage Rating	250V			125V		60V			30V			
Rated Current(40℃)	20A	20A	15A	10A	10A	5A	5A	5A	5A	5A	5A	2A

MIDDLE SERIES

CHOGORI USA

Middle Series Specifications

Middle Series, Male Connector & Female Pin

Description	Field Installable, 180° Screw Type, Solder	Field Installable, 180° Lock bayonet Type, Solder	Field Installable, 180° Push Lock Type, Solder																																																																																																																																																																																																												
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Drawing																																																																																																																																																																																																															
Part-No.	<table><tr><th>Contacts</th><th>Cable Range(mm)</th><th>Part-Number</th></tr><tr><td rowspan="2">2</td><td>3.5 - 6.5</td><td>23002211-01</td></tr><tr><td>6.5 - 9.5</td><td>23002211-02</td></tr><tr><td rowspan="2">3</td><td>3.5 - 6.5</td><td>23003211-01</td></tr><tr><td>6.5 - 9.5</td><td>23003211-02</td></tr><tr><td rowspan="2">4</td><td>3.5 - 6.5</td><td>23004211-01</td></tr><tr><td>6.5 - 9.5</td><td>23004211-02</td></tr><tr><td rowspan="2">5</td><td>3.5 - 6.5</td><td>23005211-01</td></tr><tr><td>6.5 - 9.5</td><td>23005211-02</td></tr><tr><td rowspan="2">6</td><td>3.5 - 6.5</td><td>23006211-01</td></tr><tr><td>6.5 - 9.5</td><td>23006211-02</td></tr><tr><td rowspan="2">7</td><td>3.5 - 6.5</td><td>23007211-01</td></tr><tr><td>6.5 - 9.5</td><td>23007211-02</td></tr><tr><td rowspan="2">8</td><td>3.5 - 6.5</td><td>23008211-01</td></tr><tr><td>6.5 - 9.5</td><td>23008211-02</td></tr><tr><td rowspan="2">3+5</td><td>3.5 - 6.5</td><td>23305211-01</td></tr><tr><td>6.5 - 9.5</td><td>23305211-02</td></tr><tr><td rowspan="2">9</td><td>3.5 - 6.5</td><td>23009211-01</td></tr><tr><td>6.5 - 9.5</td><td>23009211-02</td></tr><tr><td rowspan="2">10</td><td>3.5 - 6.5</td><td>23010211-01</td></tr><tr><td>6.5 - 9.5</td><td>23010211-02</td></tr><tr><td rowspan="2">12</td><td>3.5 - 6.5</td><td>23012211-01</td></tr><tr><td>6.5 - 9.5</td><td>23012211-02</td></tr><tr><td rowspan="2">14</td><td>3.5 - 6.5</td><td>23014211-01</td></tr><tr><td>6.5 - 9.5</td><td>23014211-02</td></tr><tr><td rowspan="2">18</td><td>3.5 - 6.5</td><td>23018211-01</td></tr><tr><td>6.5 - 9.5</td><td>23018211-02</td></tr></table>	Contacts	Cable Range(mm)	Part-Number	2	3.5 - 6.5	23002211-01	6.5 - 9.5	23002211-02	3	3.5 - 6.5	23003211-01	6.5 - 9.5	23003211-02	4	3.5 - 6.5	23004211-01	6.5 - 9.5	23004211-02	5	3.5 - 6.5	23005211-01	6.5 - 9.5	23005211-02	6	3.5 - 6.5	23006211-01	6.5 - 9.5	23006211-02	7	3.5 - 6.5	23007211-01	6.5 - 9.5	23007211-02	8	3.5 - 6.5	23008211-01	6.5 - 9.5	23008211-02	3+5	3.5 - 6.5	23305211-01	6.5 - 9.5	23305211-02	9	3.5 - 6.5	23009211-01	6.5 - 9.5	23009211-02	10	3.5 - 6.5	23010211-01	6.5 - 9.5	23010211-02	12	3.5 - 6.5	23012211-01	6.5 - 9.5	23012211-02	14	3.5 - 6.5	23014211-01	6.5 - 9.5	23014211-02	18	3.5 - 6.5	23018211-01	6.5 - 9.5	23018211-02	<table><tr><th>Contacts</th><th>Cable Range(mm)</th><th>Part-Number</th></tr><tr><td rowspan="2">2</td><td>3.5 - 6.5</td><td>23002221-01</td></tr><tr><td>6.5 - 9.5</td><td>23002221-02</td></tr><tr><td rowspan="2">3</td><td>3.5 - 6.5</td><td>23003221-01</td></tr><tr><td>6.5 - 9.5</td><td>23003221-02</td></tr><tr><td rowspan="2">4</td><td>3.5 - 6.5</td><td>23004221-01</td></tr><tr><td>6.5 - 9.5</td><td>23004221-02</td></tr><tr><td rowspan="2">5</td><td>3.5 - 6.5</td><td>23005221-01</td></tr><tr><td>6.5 - 9.5</td><td>23005221-02</td></tr><tr><td rowspan="2">6</td><td>3.5 - 6.5</td><td>23006221-01</td></tr><tr><td>6.5 - 9.5</td><td>23006221-02</td></tr><tr><td rowspan="2">7</td><td>3.5 - 6.5</td><td>23007221-01</td></tr><tr><td>6.5 - 9.5</td><td>23007221-02</td></tr><tr><td rowspan="2">8</td><td>3.5 - 6.5</td><td>23008221-01</td></tr><tr><td>6.5 - 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6.5	23007221-01	6.5 - 9.5	23007221-02	8	3.5 - 6.5	23008221-01	6.5 - 9.5	23008221-02	3+5	3.5 - 6.5	23305221-01	6.5 - 9.5	23305221-02	9	3.5 - 6.5	23009221-01	6.5 - 9.5	23009221-02	10	3.5 - 6.5	23010221-01	6.5 - 9.5	23010221-02	12	3.5 - 6.5	23012221-01	6.5 - 9.5	23012221-02	14	3.5 - 6.5	23014221-01	6.5 - 9.5	23014221-02	18	3.5 - 6.5	23018221-01	6.5 - 9.5	23018221-02	<table><tr><th>Contacts</th><th>Cable Range(mm)</th><th>Part-Number</th></tr><tr><td rowspan="2">2</td><td>3.5 - 6.5</td><td>23002231-01</td></tr><tr><td>6.5 - 9.5</td><td>23002231-02</td></tr><tr><td rowspan="2">3</td><td>3.5 - 6.5</td><td>23003231-01</td></tr><tr><td>6.5 - 9.5</td><td>23003231-02</td></tr><tr><td rowspan="2">4</td><td>3.5 - 6.5</td><td>23004231-01</td></tr><tr><td>6.5 - 9.5</td><td>23004231-02</td></tr><tr><td rowspan="2">5</td><td>3.5 - 6.5</td><td>23005231-01</td></tr><tr><td>6.5 - 9.5</td><td>23005231-02</td></tr><tr><td rowspan="2">6</td><td>3.5 - 6.5</td><td>23006231-01</td></tr><tr><td>6.5 - 9.5</td><td>23006231-02</td></tr><tr><td rowspan="2">7</td><td>3.5 - 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9.5	23003231-02	4	3.5 - 6.5	23004231-01	6.5 - 9.5	23004231-02	5	3.5 - 6.5	23005231-01	6.5 - 9.5	23005231-02	6	3.5 - 6.5	23006231-01	6.5 - 9.5	23006231-02	7	3.5 - 6.5	23007231-01	6.5 - 9.5	23007231-02	8	3.5 - 6.5	23008231-01	6.5 - 9.5	23008231-02	3+5	3.5 - 6.5	23305231-01	6.5 - 9.5	23305231-02	9	3.5 - 6.5	23009231-01	6.5 - 9.5	23009231-02	10	3.5 - 6.5	23010231-01	6.5 - 9.5	23010231-02	12	3.5 - 6.5	23012231-01	6.5 - 9.5	23012231-02	14	3.5 - 6.5	23014231-01	6.5 - 9.5	23014231-02	18	3.5 - 6.5	23018231-01	6.5 - 9.5	23018231-02
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Specifications

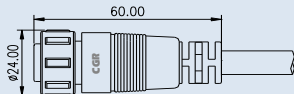
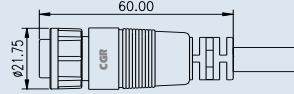
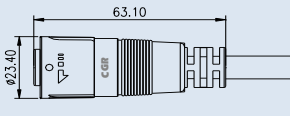
Number of Contacts	2	3	4	5	6	7	8	3+5	9	10	12	14	18
Wire Gauge	14AWG		17AWG	18AWG		22AWG		17AWG + 24AWG	22AWG	24AWG			
Cable Range	3.5mm - 6.5mm, 6.5mm - 9.5mm												
Environmental Protection	IP68				IP67					IP67			
Mechanical Life	500 mating cycles												
OperatingTemperature	- 45℃ - 105℃												
Voltage Rating	300V	300V	300V	125V	125V	60V	60V	125+30V	60V	30V	30V	30V	30V
Rated Current(40℃)	20A	20A	15A	10A	10A	5A	5A	15A+2A	5A	5A	5A	5A	2A

MIDDLE SERIES

CHOGORI USA

Middle Series Specifications

Middle Series, Male Connector & Female Pin

Description	Molded, 180° Screw Type, Solder	Molded, 180° Lock bayonet Type, Solder	Molded, 180° Push Lock Type, Solder																																																																																																																														
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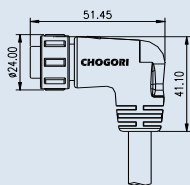
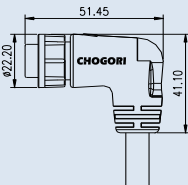
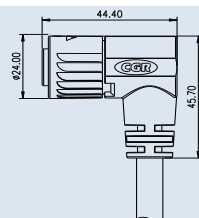
Specifications													
Number of Contacts	2	3	4	5	6	7	8	3+5	9	10	12	14	18
Wire Gauge	14AWG		17AWG	18AWG		22AWG		17AWG+ 24AWG	22AWG	24AWG			
Cable Range	Max. 10.8mm												
Environmental Protection	IP67												
Mechanical Life	500 mating cycles												
OperatingTemperature	- 40℃ - 80℃												
Voltage Rating	300V	300V	300V	125V	125V	60V	60V	125+30V	60V	30V	30V	30V	30V
Rated Current(40℃)	20A	20A	15A	10A	10A	5A	5A	15A+2A	5A	5A	5A	5A	2A

MIDDLE SERIES

CHOGORI USA

Middle Series Specifications

Middle Series, Male Connector & Female Pin

Description	Molded, 90° Screw Type, Solder	Molded, 90° Lock bayonet Type, Solder	Molded, 90° Push Lock Type, Solder																																																																																																																														
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10	Max. 10.8	23010214-01-XXX																																																																																																																															
12	Max. 10.8	23012214-01-XXX																																																																																																																															
14	Max. 10.8	23014214-01-XXX																																																																																																																															
18	Max. 10.8	23018214-01-XXX																																																																																																																															
Contacts	Cable Range(mm)	Part-Number																																																																																																																															
2	Max. 10.8	23002224-01-XXX 																																																																																																																															
3	Max. 10.8	23003224-01-XXX 																																																																																																																															
4	Max. 10.8	23004224-01-XXX																																																																																																																															
5	Max. 10.8	23005224-01-XXX																																																																																																																															
6	Max. 10.8	23006224-01-XXX																																																																																																																															
7	Max. 10.8	23007224-01-XXX 																																																																																																																															
8	Max. 10.8	23008224-01-XXX 																																																																																																																															
3+5	Max. 10.8	23305224-01-XXX																																																																																																																															
9	Max. 10.8	23009224-01-XXX																																																																																																																															
10	Max. 10.8	23010224-01-XXX																																																																																																																															
12	Max. 10.8	23012224-01-XXX																																																																																																																															
14	Max. 10.8	23014224-01-XXX																																																																																																																															
18	Max. 10.8	23018224-01-XXX																																																																																																																															
Contacts	Cable Range(mm)	Part-Number																																																																																																																															
2	Max. 10.8	23002234-01-XXX 																																																																																																																															
3	Max. 10.8	23003234-01-XXX 																																																																																																																															
4	Max. 10.8	23004234-01-XXX																																																																																																																															
5	Max. 10.8	23005234-01-XXX																																																																																																																															
6	Max. 10.8	23006234-01-XXX																																																																																																																															
7	Max. 10.8	23007234-01-XXX 																																																																																																																															
8	Max. 10.8	23008234-01-XXX 																																																																																																																															
3+5	Max. 10.8	23305234-01-XXX																																																																																																																															
9	Max. 10.8	23009234-01-XXX																																																																																																																															
10	Max. 10.8	23010234-01-XXX																																																																																																																															
12	Max. 10.8	23012234-01-XXX																																																																																																																															
14	Max. 10.8	23014234-01-XXX																																																																																																																															
18	Max. 10.8	23018234-01-XXX																																																																																																																															

Specifications

Number of Contacts	2	3	4	5	6	7	8	3+5	9	10	12	14	18
Wire Gauge	14AWG		17AWG	18AWG		22AWG		17AWG + 24AWG	22AWG	24AWG			
Cable Range	Max. 10.8mm												
Environmental Protection	IP67												
Mechanical Life	500 mating cycles												
Operating Temperature	- 45°C - 105°C												
Voltage Rating	300V	300V	300V	125V	125V	60V	60V	125+30V	60V	30V	30V	30V	30V
Rated Current(40°C)	20A	20A	15A	10A	10A	5A	5A	15A+2A	5A	5A	5A	5A	2A

MIDDLE SERIES

CHOGORI USA

Middle Series Specifications

Middle Series, Front Panel Mount & Female Pin

Description

Figure

Front Panel Mount
Screw Type, Solder



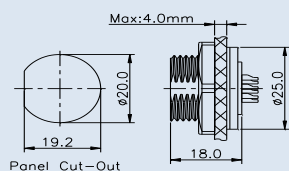
Front Panel Mount
Lock Bayonet Type, Solder



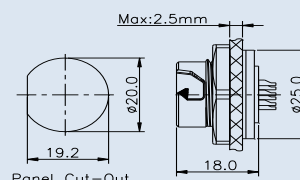
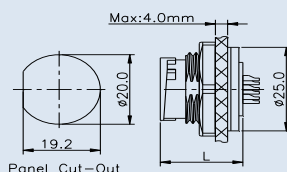
Front Panel Mount
Push Lock Type, Solder



Drawing



Note: 9.10 positions, L=17.0
other positions, L=18.0



Part-No.

Contacts	Part-Number	Contacts	Part-Number	Contacts	Part-Number
2	23002615-01	2	23002625-01	2	23002635-01
3	23003615-01	3	23003625-01	3	23003635-01
4	23004615-01	4	23004625-01	4	23004635-01
5	23005615-01	5	23005625-01	5	23005635-01
6	23006615-01	6	23006625-01	6	23006635-01
7	23007615-01	7	23007625-01	7	23007635-01
8	23008615-01	8	23008625-01	8	23008635-01
3+5	23305615-01	3+5	23305625-01	3+5	23305635-01
9	23009615-01	9	23009625-01	9	23009635-01
10	23010615-01	10	23010625-01	10	23010635-01
12	23012615-01	12	23012625-01	12	23012635-01
14	23014615-01	14	23014625-01	14	23014635-01
18	23018615-01	18	23018625-01	18	23018635-01

Specifications

Number of Contacts	2	3	4	5	6	7	8	3+5	9	10	12	14	18
Wire Gauge	14AWG		17AWG	18AWG		22AWG		17AWG + 24AWG	22AWG	24AWG			
Panel Thickness	Max. 4.0mm				Max. 4.0mm				Max. 2.5mm				
Environmental Protection	IP68				IP67				IP67				
Mechanical Life	500 mating cycles												
OperatingTemperature	- 45°C - 105°C												
Voltage Rating	300V	300V	300V	125V	125V	60V	60V	125+30V	60V	30V	30V	30V	30V
Rated Current(40°C)	20A	20A	15A	10A	10A	5A	5A	15A+2A	5A	5A	2A	2A	2A

MIDDLE SERIES

CHOGORI USA

Middle Series Specifications

Middle Series, Front Panel Mount & Female Pin

Description

Figure

Front Panel Mount
Screw Type, PCB



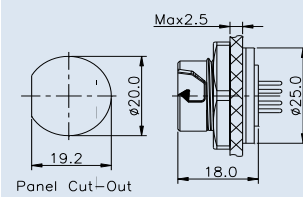
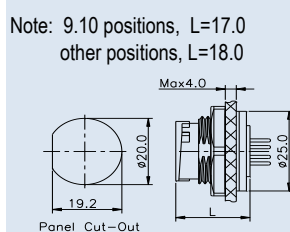
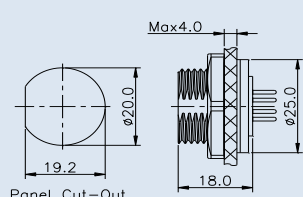
Front Panel Mount
Lock Bayonet Type, PCB



Front Panel Mount
Push Lock Type, PCB



Drawing



Part-No.

Contacts	Part-Number	Contacts	Part-Number	Contacts	Part-Number
2	23002615-02	2	23002625-02	2	23002635-02
3	23003615-02	3	23003625-02	3	23003635-02
4	23004615-02	4	23004625-02	4	23004635-02
5	23005615-02	5	23005625-02	5	23005635-02
6	23006615-02	6	23006625-02	6	23006635-02
7	23007615-02	7	23007625-02	7	23007635-02
8	23008615-02	8	23008625-02	8	23008635-02
3+5	23305615-02	3+5	23305625-02	3+5	23305635-02
9	23009615-02	9	23009625-02	9	23009635-02
10	23010615-02	10	23010625-02	10	23010635-02
12	23012615-02	12	23012625-02	12	23012635-02
14	23014615-02	14	23014625-02	14	23014635-02
18	23018615-02	18	23018625-02	18	23018635-02

Specifications

Number of Contacts	2	3	4	5	6	7	8	3+5	9	10	12	14	18
Wire Gauge	14AWG		17AWG	18AWG		22AWG		17AWG + 24AWG	22AWG	24AWG			
Panel Thickness	Max. 4.0mm					Max. 4.0mm			Max. 2.5mm				
Environmental Protection	IP68					IP67			IP67				
Mechanical Life	500 mating cycles												
OperatingTemperature	- 45°C - 105°C												
Voltage Rating	300V	300V	300V	125V	125V	60V	60V	125+30V	60V	30V	30V	30V	30V
Rated Current(40°C)	20A	20A	15A	10A	10A	5A	5A	15A+2A	5A	5A	2A	2A	2A

MIDDLE SERIES

CHOGORI USA

Middle Series Specifications

Middle Series, Rear Panel Mount & Female Pin

Description

Figure

Rear Panel Mount
Screw Type, Solder



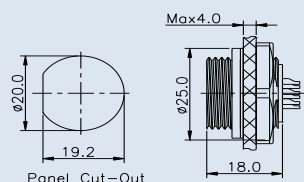
Rear Panel Mount
Lock Bayonet Type, Solder



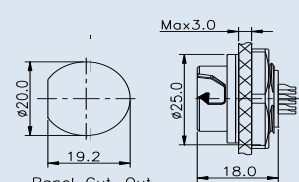
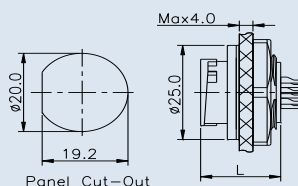
Rear Panel Mount
Push Lock Type, Solder



Drawing



Note: 9,10 positions, L=17.0
other positions, L=18.0



Part-No.

Contacts	Part-Number	Contacts	Part-Number	Contacts	Part-Number
2	23002615-03	2	23002625-03	2	23002635-03
3	23003615-03	3	23003625-03	3	23003635-03
4	23004615-03	4	23004625-03	4	23004635-03
5	23005615-03	5	23005625-03	5	23005635-03
6	23006615-03	6	23006625-03	6	23006635-03
7	23007615-03	7	23007625-03	7	23007635-03
8	23008615-03	8	23008625-03	8	23008635-03
3+5	23305615-03	3+5	23305625-03	3+5	23305635-03
9	23009615-03	9	23009625-03	9	23009635-03
10	23010615-03	10	23010625-03	10	23010635-03
12	23012615-03	12	23012625-03	12	23012635-03
14	23014615-03	14	23014625-03	14	23014635-03
18	23018615-03	18	23018625-03	18	23018635-03

Specifications

Number of Contacts	2	3	4	5	6	7	8	3+5	9	10	12	14	18
Wire Gauge	14AWG		17AWG	18AWG		22AWG		17AWG + 24AWG	22AWG	24AWG			
Panel Thickness	Max. 4.0mm					Max. 4.0mm					Max. 3.0mm		
Environmental Protection	IP68					IP67					IP67		
Mechanical Life	500 mating cycles												
OperatingTemperature	- 45℃ - 105℃												
Voltage Rating	300V	300V	300V	125V	125V	60V	60V	125+30V	60V	30V	30V	30V	30V
Rated Current(40℃)	20A	20A	15A	10A	10A	5A	5A	15A+2A	5A	5A	2A	2A	2A

MIDDLE SERIES

CHOGORI USA

Middle Series Specifications

Middle Series, Male Connector & Male Pin

Description

Field Installable, 180°
Screw Type, Solder

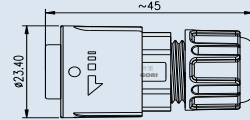
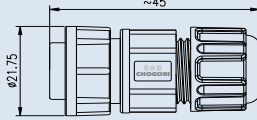
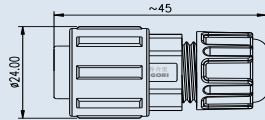
Field Installable, 180°
Lock Bayonet Type, Solder

Field Installable, 180°
Push Lock Type, Solder

Figure



Drawing



Part-No.

Contacts	Cable Range(mm)	Part-Number	Contacts	Cable Range(mm)	Part-Number	Contacts	Cable Range(mm)	Part-Number
2	3.5 - 6.5	23002111-01	2	3.5 - 6.5	23002121-01	2	3.5 - 6.5	23002131-01
	6.5 - 9.5	23002111-02		6.5 - 9.5	23002121-02		6.5 - 9.5	23002131-02
3	3.5 - 6.5	23003111-01	3	3.5 - 6.5	23003121-01	3	3.5 - 6.5	23003131-01
	6.5 - 9.5	23003111-02		6.5 - 9.5	23003121-02		6.5 - 9.5	23003131-02
4	3.5 - 6.5	23004111-01	4	3.5 - 6.5	23004121-01	4	3.5 - 6.5	23004131-01
	6.5 - 9.5	23004111-02		6.5 - 9.5	23004121-02		6.5 - 9.5	23004131-02
5	3.5 - 6.5	23005111-01	5	3.5 - 6.5	23005121-01	5	3.5 - 6.5	23005131-01
	6.5 - 9.5	23005111-02		6.5 - 9.5	23005121-02		6.5 - 9.5	23005131-02
6	3.5 - 6.5	23006111-01	6	3.5 - 6.5	23006121-01	6	3.5 - 6.5	23006131-01
	6.5 - 9.5	23006111-02		6.5 - 9.5	23006121-02		6.5 - 9.5	23006131-02
7	3.5 - 6.5	23007111-01	7	3.5 - 6.5	23007121-01	7	3.5 - 6.5	23007131-01
	6.5 - 9.5	23007111-02		6.5 - 9.5	23007121-02		6.5 - 9.5	23007131-02
8	3.5 - 6.5	23008111-01	8	3.5 - 6.5	23008121-01	8	3.5 - 6.5	23008131-01
	6.5 - 9.5	23008111-02		6.5 - 9.5	23008121-02		6.5 - 9.5	23008131-02
3+5	3.5 - 6.5	23305111-01	3+5	3.5 - 6.5	23305121-01	3+5	3.5 - 6.5	23305131-01
	6.5 - 9.5	23305111-02		6.5 - 9.5	23305121-02		6.5 - 9.5	23305131-02
9	3.5 - 6.5	23009111-01	9	3.5 - 6.5	23009121-01	9	3.5 - 6.5	23009131-01
	6.5 - 9.5	23009111-02		6.5 - 9.5	23009121-02		6.5 - 9.5	23009131-02
10	3.5 - 6.5	23010111-01	10	3.5 - 6.5	23010121-01	10	3.5 - 6.5	23010131-01
	6.5 - 9.5	23010111-02		6.5 - 9.5	23010121-02		6.5 - 9.5	23010131-02
12	3.5 - 6.5	23012111-01	12	3.5 - 6.5	23012121-01	12	3.5 - 6.5	23012131-01
	6.5 - 9.5	23012111-02		6.5 - 9.5	23012121-02		6.5 - 9.5	23012131-02
14	3.5 - 6.5	23014111-01	14	3.5 - 6.5	23014121-01	14	3.5 - 6.5	23014131-01
	6.5 - 9.5	23014111-02		6.5 - 9.5	23014121-02		6.5 - 9.5	23014131-02
18	3.5 - 6.5	23018111-01	18	3.5 - 6.5	23018121-01	18	3.5 - 6.5	23018131-01
	6.5 - 9.5	23018111-02		6.5 - 9.5	23018121-02		6.5 - 9.5	23018131-02

Specifications

Number of Contacts	2	3	4	5	6	7	8	3+5	9	10	12	14	18
Wire Gauge	14AWG		17AWG	18AWG		22AWG		17AWG + 24AWG	22AWG	24AWG			
Cable Range	3.5mm - 6.5mm, 6.5mm - 9.5mm												
Environmental Protection	IP68				IP67				IP67				
Mechanical Life	500 mating cycles												
OperatingTemperature	- 45℃ - 105℃												
Voltage Rating	300V	300V	300V	125V	125V	60V	60V	125+30V	60V	30V	30V	30V	30V
Rated Current(40℃)	20A	20A	15A	10A	10A	5A	5A	15A+2A	5A	5A	2A	2A	2A

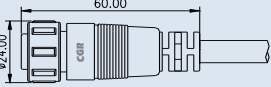
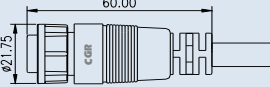
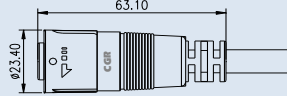
MIDDLE SERIES

CHOGORI USA

Middle Series Specifications

Middle Series, Male Connector & Male Pin

Description	Molded, 180° Screw Type, Solder	Molded, 180° Lock Bayonet Type, Solder	Molded, 180° Push Lock Type, Solder
Figure			

Drawing			
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Part-No.	Contacts	Cable Range(mm)	Part-Number	Contacts	Cable Range(mm)	Part-Number	Contacts	Cable Range(mm)	Part-Number
	2	Max. 10.8	23002113-01-XXX 	2	Max. 10.8	23002123-01-XXX 	2	Max:10.8	23002133-01-XXX 
	3	Max. 10.8	23003113-01-XXX 	3	Max. 10.8	23003123-01-XXX 	3	Max:10.8	23003133-01-XXX 
	4	Max. 10.8	23004113-01-XXX	4	Max. 10.8	23004123-01-XXX	4	Max:10.8	23004133-01-XXX
	5	Max. 10.8	23005113-01-XXX	5	Max. 10.8	23005123-01-XXX	5	Max:10.8	23005133-01-XXX
	6	Max. 10.8	23006113-01-XXX	6	Max. 10.8	23006123-01-XXX	6	Max:10.8	23006133-01-XXX
	7	Max. 10.8	23007113-01-XXX 	7	Max. 10.8	23007123-01-XXX 	7	Max:10.8	23007133-01-XXX 
	8	Max. 10.8	23008113-01-XXX 	8	Max. 10.8	23008123-01-XXX 	8	Max:10.8	23008133-01-XXX 
	3+5	Max. 10.8	23305113-01-XXX	3+5	Max. 10.8	23305123-01-XXX	3+5	Max:10.8	23305133-01-XXX
	9	Max. 10.8	23009113-01-XXX	9	Max. 10.8	23009123-01-XXX	9	Max:10.8	23009133-01-XXX
	10	Max. 10.8	23010113-01-XXX	10	Max. 10.8	23010123-01-XXX	10	Max:10.8	23010133-01-XXX
	12	Max. 10.8	23012113-01-XXX	12	Max. 10.8	23012123-01-XXX	12	Max:10.8	23012133-01-XXX
	14	Max. 10.8	23014113-01-XXX	14	Max. 10.8	23014123-01-XXX	14	Max:10.8	23014133-01-XXX
	18	Max. 10.8	23018113-02-XXX	18	Max. 10.8	23018123-02-XXX	18	Max:10.8	23018133-02-XXX

Specifications

Number of Contacts	2	3	4	5	6	7	8	3+5	9	10	12	14	18
Wire Gauge	14AWG		17AWG	18AWG		22AWG		17AWG + 24AWG	22AWG	24AWG			
Cable Range	Max. 10.8mm												
Environmental Protection	IP67												
Mechanical Life	500 mating cycles												
OperatingTemperature	- 40℃ - 80℃												
Voltage Rating	300V	300V	300V	125V	125V	60V	60V	125+30V	60V	30V	30V	30V	30V
Rated Current(40℃)	20A	20A	15A	10A	10A	5A	5A	15A+2A	5A	5A	2A	2A	2A

MIDDLE SERIES

CHOGORI USA

Middle Series Specifications

Middle Series, Male Connector & Male Pin

Description

Molded, 90°
Screw Type, Solder

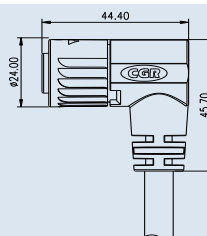
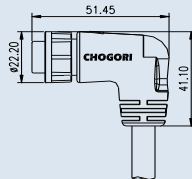
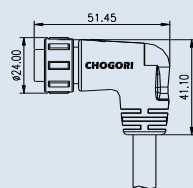
Molded, 90°
Lock Bayonet Type, Solder

Molded, 90°
Push Lock Type, Solder

Figure



Drawing



Part-No.

Contacts	Cable Range(mm)	Part-Number	Contacts	Cable Range(mm)	Part-Number	Contacts	Cable Range(mm)	Part-Number
2	Max. 10.8	23002114-01-XXX	2	Max. 10.8	23002124-01-XXX	2	Max:10.8	23002134-01-XXX
3	Max. 10.8	23003114-01-XXX	3	Max. 10.8	23003124-01-XXX	3	Max:10.8	23003134-01-XXX
4	Max. 10.8	23004114-01-XXX	4	Max. 10.8	23004124-01-XXX	4	Max:10.8	23004134-01-XXX
5	Max. 10.8	23005114-01-XXX	5	Max. 10.8	23005124-01-XXX	5	Max:10.8	23005134-01-XXX
6	Max. 10.8	23006114-01-XXX	6	Max. 10.8	23006124-01-XXX	6	Max:10.8	23006134-01-XXX
7	Max. 10.8	23007114-01-XXX	7	Max. 10.8	23007124-01-XXX	7	Max:10.8	23007134-01-XXX
8	Max. 10.8	23008114-01-XXX	8	Max. 10.8	23008124-01-XXX	8	Max:10.8	23008134-01-XXX
3+5	Max. 10.8	23305114-01-XXX	3+5	Max. 10.8	23305124-01-XXX	3+5	Max:10.8	23305134-01-XXX
9	Max. 10.8	23009114-01-XXX	9	Max. 10.8	23009124-01-XXX	9	Max:10.8	23009134-01-XXX
10	Max. 10.8	23010114-01-XXX	10	Max. 10.8	23010124-01-XXX	10	Max:10.8	23010134-01-XXX
12	Max. 10.8	23012114-01-XXX	12	Max. 10.8	23012124-01-XXX	12	Max:10.8	23012134-01-XXX
14	Max. 10.8	23014114-01-XXX	14	Max. 10.8	23014124-01-XXX	14	Max:10.8	23014134-01-XXX
18	Max. 10.8	23018114-02-XXX	18	Max. 10.8	23018124-01-XXX	18	Max:10.8	23018134-01-XXX

Specifications

Number of Contacts	2	3	4	5	6	7	8	3+5	9	10	12	14	18
Wire Gauge	14AWG		17AWG	18AWG		22AWG		17AWG + 24AWG	22AWG	24AWG			
Cable Range	Max. 10.8mm												
Environmental Protection	IP67												
Mechanical Life	500 mating cycles												
OperatingTemperature	- 40℃ - 80℃												
Voltage Rating	300V	300V	300V	125V	125V	60V	60V	125+30V	60V	30V	30V	30V	30V
Rated Current(40℃)	20A	20A	15A	10A	10A	5A	5A	15A+2A	5A	5A	2A	2A	2A

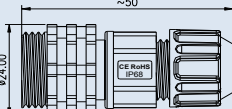
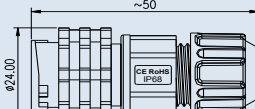
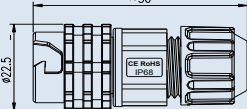
MIDDLE SERIES

CHOGORI USA

Middle Series Specifications

Middle Series, Female Connector & Male Pin

Description	Field Installable, 180° Screw Type, Solder	Field Installable, 180° Lock bayonet Type, Solder	Field Installable, 180° Push Lock Type, Solder
Figure			

Drawing			
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Part-No.	Contacts	Cable Range(mm)	Part-Number	Contacts	Cable Range(mm)	Part-Number	Contacts	Cable Range(mm)	Part-Number
	2	3.5 - 6.5	23002311-01 	2	3.5 - 6.5	23002321-01 	2	3.5 - 6.5	23002331-01 
		6.5 - 9.5	23002311-02 		6.5 - 9.5	23002321-02 		6.5 - 9.5	23002331-02 
	3	3.5 - 6.5	23003311-01 	3	3.5 - 6.5	23003321-01 	3	3.5 - 6.5	23003331-01 
		6.5 - 9.5	23003311-02 		6.5 - 9.5	23003321-02 		6.5 - 9.5	23003331-02 
	4	3.5 - 6.5	23004311-01	4	3.5 - 6.5	23004321-01	4	3.5 - 6.5	23004331-01
		6.5 - 9.5	23004311-02		6.5 - 9.5	23004321-02		6.5 - 9.5	23004331-02
	5	3.5 - 6.5	23005311-01	5	3.5 - 6.5	23005321-01	5	3.5 - 6.5	23005331-01
		6.5 - 9.5	23005311-02		6.5 - 9.5	23005321-02		6.5 - 9.5	23005331-02
	6	3.5 - 6.5	23006311-01	6	3.5 - 6.5	23006321-01	6	3.5 - 6.5	23006331-01
		6.5 - 9.5	23006311-02		6.5 - 9.5	23006321-02		6.5 - 9.5	23006331-02
	7	3.5 - 6.5	23007311-01 	7	3.5 - 6.5	23007321-01 	7	3.5 - 6.5	23007331-01 
		6.5 - 9.5	23007311-02 		6.5 - 9.5	23007321-02 		6.5 - 9.5	23007331-02 
	8	3.5 - 6.5	23008311-01 	8	3.5 - 6.5	23008321-01 	8	3.5 - 6.5	23008331-01 
		6.5 - 9.5	23008311-02 		6.5 - 9.5	23008321-02 		6.5 - 9.5	23008331-02 
	3+5	3.5 - 6.5	23305311-01	3+5	3.5 - 6.5	23305321-01	3+5	3.5 - 6.5	23305331-01
		6.5 - 9.5	23305311-02		6.5 - 9.5	23305321-02		6.5 - 9.5	23305331-02
	9	3.5 - 6.5	23009311-01	9	3.5 - 6.5	23009321-01	9	3.5 - 6.5	23009331-01
		6.5 - 9.5	23009311-02		6.5 - 9.5	23009321-02		6.5 - 9.5	23009331-02
	10	3.5 - 6.5	23010311-01	10	3.5 - 6.5	23010321-01	10	3.5 - 6.5	23010331-01
		6.5 - 9.5	23010311-02		6.5 - 9.5	23010321-02		6.5 - 9.5	23010331-02
	12	3.5 - 6.5	23012311-01	12	3.5 - 6.5	23012321-01	12	3.5 - 6.5	23012331-01
		6.5 - 9.5	23012311-02		6.5 - 9.5	23012321-02		6.5 - 9.5	23012331-02
	14	3.5 - 6.5	23014311-01	14	3.5 - 6.5	23014321-01	14	3.5 - 6.5	23014331-01
		6.5 - 9.5	23014311-02		6.5 - 9.5	23014321-02		6.5 - 9.5	23014331-02
	18	3.5 - 6.5	23018311-01	18	3.5 - 6.5	23018321-01	18	3.5 - 6.5	23018331-01
		6.5 - 9.5	23018311-02		6.5 - 9.5	23018321-02		6.5 - 9.5	23018331-02

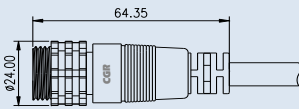
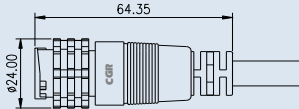
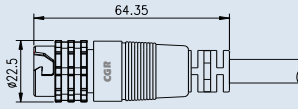
Specifications													
Number of Contacts	2	3	4	5	6	7	8	3+5	9	10	12	14	18
Wire Gauge	14AWG		17AWG	18AWG		22AWG		17AWG + 24AWG	22AWG	24AWG			
Cable Range	3.5mm - 6.5mm, 6.5mm - 9.5mm												
Environmental Protection	IP68				IP67					IP67			
Mechanical Life	500 mating cycles												
Operating Temperature	- 45℃ - 105℃												
Voltage Rating	300V	300V	300V	125V	125V	60V	60V	125+30V	60V	30V	30V	30V	30V
Rated Current(40℃)	20A	20A	15A	10A	10A	5A	5A	15A+2A	5A	5A	5A	5A	2A

MIDDLE SERIES

CHOGORI USA

Middle Series Specifications

Middle Series, Female Connector & Male Pin

Description	Molded, 180° Screw Type, Solder	Molded, 180° Lock bayonet Type, Solder	Molded, 180° Push Lock Type, Solder																																																																																																																														
Figure																																																																																																																																	
Drawing																																																																																																																																	
Part-No.	<table><tr><th>Contacts</th><th>Cable Range(mm)</th><th>Part-Number</th></tr><tr><td>2</td><td>Max. 10.8</td><td>23002313-01-XXX </td></tr><tr><td>3</td><td>Max. 10.8</td><td>23003313-01-XXX </td></tr><tr><td>4</td><td>Max. 10.8</td><td>23004313-01-XXX</td></tr><tr><td>5</td><td>Max. 10.8</td><td>23005313-01-XXX</td></tr><tr><td>6</td><td>Max. 10.8</td><td>23006313-01-XXX</td></tr><tr><td>7</td><td>Max. 10.8</td><td>23007313-01-XXX </td></tr><tr><td>8</td><td>Max. 10.8</td><td>23008313-01-XXX </td></tr><tr><td>3+5</td><td>Max. 10.8</td><td>23305313-01-XXX</td></tr><tr><td>9</td><td>Max. 10.8</td><td>23009313-01-XXX</td></tr><tr><td>10</td><td>Max. 10.8</td><td>23010313-01-XXX</td></tr><tr><td>12</td><td>Max. 10.8</td><td>23012313-01-XXX</td></tr><tr><td>14</td><td>Max. 10.8</td><td>23014313-01-XXX</td></tr><tr><td>18</td><td>Max. 10.8</td><td>23018313-01-XXX</td></tr></table>	Contacts	Cable Range(mm)	Part-Number	2	Max. 10.8	23002313-01-XXX 	3	Max. 10.8	23003313-01-XXX 	4	Max. 10.8	23004313-01-XXX	5	Max. 10.8	23005313-01-XXX	6	Max. 10.8	23006313-01-XXX	7	Max. 10.8	23007313-01-XXX 	8	Max. 10.8	23008313-01-XXX 	3+5	Max. 10.8	23305313-01-XXX	9	Max. 10.8	23009313-01-XXX	10	Max. 10.8	23010313-01-XXX	12	Max. 10.8	23012313-01-XXX	14	Max. 10.8	23014313-01-XXX	18	Max. 10.8	23018313-01-XXX	<table><tr><th>Contacts</th><th>Cable Range(mm)</th><th>Part-Number</th></tr><tr><td>2</td><td>Max. 10.8</td><td>23002323-01-XXX </td></tr><tr><td>3</td><td>Max. 10.8</td><td>23003323-01-XXX </td></tr><tr><td>4</td><td>Max. 10.8</td><td>23004323-01-XXX</td></tr><tr><td>5</td><td>Max. 10.8</td><td>23005323-01-XXX</td></tr><tr><td>6</td><td>Max. 10.8</td><td>23006323-01-XXX</td></tr><tr><td>7</td><td>Max. 10.8</td><td>23007323-01-XXX </td></tr><tr><td>8</td><td>Max. 10.8</td><td>23008323-01-XXX </td></tr><tr><td>3+5</td><td>Max. 10.8</td><td>23305323-01-XXX</td></tr><tr><td>9</td><td>Max. 10.8</td><td>23009323-01-XXX</td></tr><tr><td>10</td><td>Max. 10.8</td><td>23010323-01-XXX</td></tr><tr><td>12</td><td>Max. 10.8</td><td>23012323-01-XXX</td></tr><tr><td>14</td><td>Max. 10.8</td><td>23014323-01-XXX</td></tr><tr><td>18</td><td>Max. 10.8</td><td>23018323-01-XXX</td></tr></table>	Contacts	Cable Range(mm)	Part-Number	2	Max. 10.8	23002323-01-XXX 	3	Max. 10.8	23003323-01-XXX 	4	Max. 10.8	23004323-01-XXX	5	Max. 10.8	23005323-01-XXX	6	Max. 10.8	23006323-01-XXX	7	Max. 10.8	23007323-01-XXX 	8	Max. 10.8	23008323-01-XXX 	3+5	Max. 10.8	23305323-01-XXX	9	Max. 10.8	23009323-01-XXX	10	Max. 10.8	23010323-01-XXX	12	Max. 10.8	23012323-01-XXX	14	Max. 10.8	23014323-01-XXX	18	Max. 10.8	23018323-01-XXX	<table><tr><th>Contacts</th><th>Cable Range(mm)</th><th>Part-Number</th></tr><tr><td>2</td><td>Max. 10.8</td><td>23002333-01-XXX </td></tr><tr><td>3</td><td>Max. 10.8</td><td>23003333-01-XXX </td></tr><tr><td>4</td><td>Max. 10.8</td><td>23004333-01-XXX</td></tr><tr><td>5</td><td>Max. 10.8</td><td>23005333-01-XXX</td></tr><tr><td>6</td><td>Max. 10.8</td><td>23006333-01-XXX</td></tr><tr><td>7</td><td>Max. 10.8</td><td>23007333-01-XXX </td></tr><tr><td>8</td><td>Max. 10.8</td><td>23008333-01-XXX </td></tr><tr><td>3+5</td><td>Max. 10.8</td><td>23305333-01-XXX</td></tr><tr><td>9</td><td>Max. 10.8</td><td>23009333-01-XXX</td></tr><tr><td>10</td><td>Max. 10.8</td><td>23010333-01-XXX</td></tr><tr><td>12</td><td>Max. 10.8</td><td>23012333-01-XXX</td></tr><tr><td>14</td><td>Max. 10.8</td><td>23014333-01-XXX</td></tr><tr><td>18</td><td>Max. 10.8</td><td>23018333-01-XXX</td></tr></table>	Contacts	Cable Range(mm)	Part-Number	2	Max. 10.8	23002333-01-XXX 	3	Max. 10.8	23003333-01-XXX 	4	Max. 10.8	23004333-01-XXX	5	Max. 10.8	23005333-01-XXX	6	Max. 10.8	23006333-01-XXX	7	Max. 10.8	23007333-01-XXX 	8	Max. 10.8	23008333-01-XXX 	3+5	Max. 10.8	23305333-01-XXX	9	Max. 10.8	23009333-01-XXX	10	Max. 10.8	23010333-01-XXX	12	Max. 10.8	23012333-01-XXX	14	Max. 10.8	23014333-01-XXX	18	Max. 10.8	23018333-01-XXX
Contacts	Cable Range(mm)	Part-Number																																																																																																																															
2	Max. 10.8	23002313-01-XXX 																																																																																																																															
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3+5	Max. 10.8	23305313-01-XXX																																																																																																																															
9	Max. 10.8	23009313-01-XXX																																																																																																																															
10	Max. 10.8	23010313-01-XXX																																																																																																																															
12	Max. 10.8	23012313-01-XXX																																																																																																																															
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Contacts	Cable Range(mm)	Part-Number																																																																																																																															
2	Max. 10.8	23002323-01-XXX 																																																																																																																															
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6	Max. 10.8	23006323-01-XXX																																																																																																																															
7	Max. 10.8	23007323-01-XXX 																																																																																																																															
8	Max. 10.8	23008323-01-XXX 																																																																																																																															
3+5	Max. 10.8	23305323-01-XXX																																																																																																																															
9	Max. 10.8	23009323-01-XXX																																																																																																																															
10	Max. 10.8	23010323-01-XXX																																																																																																																															
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18	Max. 10.8	23018323-01-XXX																																																																																																																															
Contacts	Cable Range(mm)	Part-Number																																																																																																																															
2	Max. 10.8	23002333-01-XXX 																																																																																																																															
3	Max. 10.8	23003333-01-XXX 																																																																																																																															
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7	Max. 10.8	23007333-01-XXX 																																																																																																																															
8	Max. 10.8	23008333-01-XXX 																																																																																																																															
3+5	Max. 10.8	23305333-01-XXX																																																																																																																															
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14	Max. 10.8	23014333-01-XXX																																																																																																																															
18	Max. 10.8	23018333-01-XXX																																																																																																																															

Specifications

Number of Contacts	2	3	4	5	6	7	8	3+5	9	10	12	14	18
Wire Gauge	14AWG		17AWG	18AWG		22AWG		17AWG + 24AWG	22AWG	24AWG			
Cable Range	Max. 10.8mm												
Environmental Protection	IP67												
Mechanical Life	500 mating cycles												
OperatingTemperature	- 40℃ - 80℃												
Voltage Rating	300V	300V	300V	125V	125V	60V	60V	125+30V	60V	30V	30V	30V	30V
Rated Current(40℃)	20A	20A	15A	10A	10A	5A	5A	15A+2A	5A	5A	5A	5A	2A

MIDDLE SERIES

CHOGORI USA

Middle Series Specifications

Middle Serie , Female Connector & Female Pin

Description

Field Installable, 180°
Screw Type, Solder

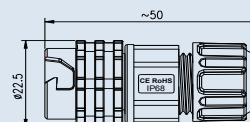
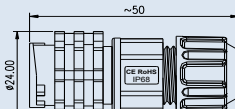
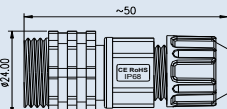
Field Installable, 180°
Lock Bayonet Type, Solder

Field Installable, 180°
Push Lock Type, Solder

Figure



Drawing



Part-No.

Contacts	Cable Range(mm)	Part-Number	Contacts	Cable Range(mm)	Part-Number	Contacts	Cable Range(mm)	Part-Number
2	3.5 - 6.5	23002411-01	2	3.5 - 6.5	23002421-01	2	3.5 - 6.5	23002431-01
	6.5 - 9.5	23002411-02		6.5 - 9.5	23002421-02		6.5 - 9.5	23002431-02
3	3.5 - 6.5	23003411-01	3	3.5 - 6.5	23003421-01	3	3.5 - 6.5	23003431-01
	6.5 - 9.5	23003411-02		6.5 - 9.5	23003421-02		6.5 - 9.5	23003431-02
4	3.5 - 6.5	23004411-01	4	3.5 - 6.5	23004421-01	4	3.5 - 6.5	23004431-01
	6.5 - 9.5	23004411-02		6.5 - 9.5	23004421-02		6.5 - 9.5	23004431-02
5	3.5 - 6.5	23005411-01	5	3.5 - 6.5	23005421-01	5	3.5 - 6.5	23005431-01
	6.5 - 9.5	23005411-02		6.5 - 9.5	23005421-02		6.5 - 9.5	23005431-02
6	3.5 - 6.5	23006411-01	6	3.5 - 6.5	23006421-01	6	3.5 - 6.5	23006431-01
	6.5 - 9.5	23006411-02		6.5 - 9.5	23006421-02		6.5 - 9.5	23006431-02
7	3.5 - 6.5	23007411-01	7	3.5 - 6.5	23007421-01	7	3.5 - 6.5	23007431-01
	6.5 - 9.5	23007411-02		6.5 - 9.5	23007421-02		6.5 - 9.5	23007431-02
8	3.5 - 6.5	23008411-01	8	3.5 - 6.5	23008421-01	8	3.5 - 6.5	23008431-01
	6.5 - 9.5	23008411-02		6.5 - 9.5	23008421-02		6.5 - 9.5	23008431-02
3+5	3.5 - 6.5	23305411-01	3+5	3.5 - 6.5	23305421-01	3+5	3.5 - 6.5	23305431-01
	6.5 - 9.5	23305411-02		6.5 - 9.5	23305421-02		6.5 - 9.5	23305431-02
9	3.5 - 6.5	23009411-01	9	3.5 - 6.5	23009421-01	9	3.5 - 6.5	23009431-01
	6.5 - 9.5	23009411-02		6.5 - 9.5	23009421-02		6.5 - 9.5	23009431-02
10	3.5 - 6.5	23010411-01	10	3.5 - 6.5	23010421-01	10	3.5 - 6.5	23010431-01
	6.5 - 9.5	23010411-02		6.5 - 9.5	23010421-02		6.5 - 9.5	23010431-02
12	3.5 - 6.5	23012411-01	12	3.5 - 6.5	23012421-01	12	3.5 - 6.5	23012431-01
	6.5 - 9.5	23012411-02		6.5 - 9.5	23012421-02		6.5 - 9.5	23012431-02
14	3.5 - 6.5	23014411-01	14	3.5 - 6.5	23014421-01	14	3.5 - 6.5	23014431-01
	6.5 - 9.5	23014411-02		6.5 - 9.5	23014421-02		6.5 - 9.5	23014431-02
18	3.5 - 6.5	23018411-01	18	3.5 - 6.5	23018421-01	18	3.5 - 6.5	23018431-01
	6.5 - 9.5	23018411-02		6.5 - 9.5	23018421-02		6.5 - 9.5	23018431-02

Specifications

Number of Contacts	2	3	4	5	6	7	8	3+5	9	10	12	14	18
Wire Gauge	14AWG		17AWG	18AWG		22AWG		17AWG+ 24AWG	22AWG	24AWG			
Cable Range	3.5mm - 6.5mm, 6.5mm - 9.5mm												
Environmental Protection	IP68				IP67				IP67				
Mechanical Life	500 mating cycles												
OperatingTemperature	- 45℃ - 105℃												
Voltage Rating	300V	300V	300V	125V	125V	60V	60V	125+30V	60V	30V	30V	30V	30V
Rated Current(40℃)	20A	20A	15A	10A	10A	5A	5A	15A+2A	5A	5A	2A	2A	2A

MIDDLE SERIES

CHOGORI USA

Middle Series Specifications

Middle Series, Female Connector & Female Pin

Description

Molded, 180°
Screw Type, Solder

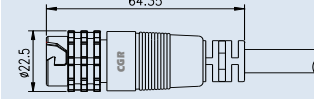
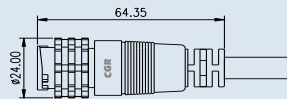
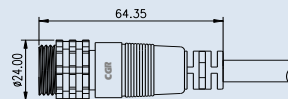
Molded, 180°
Lock Bayonet Type, Solder

Molded, 180°
Push Lock Type, Solder

Figure



Drawing



Part-No.

Contacts	Cable Range(mm)	Part-Number	Contacts	Cable Range(mm)	Part-Number	Contacts	Cable Range(mm)	Part-Number
2	Max. 10.8	23002413-01-XXX	2	Max. 10.8	23002423-01-XXX	2	Max. 10.8	23002433-01-XXX
3	Max. 10.8	23003413-01-XXX	3	Max. 10.8	23003423-01-XXX	3	Max. 10.8	23003433-01-XXX
4	Max. 10.8	23004413-01-XXX	4	Max. 10.8	23004423-01-XXX	4	Max. 10.8	23004433-01-XXX
5	Max. 10.8	23005413-01-XXX	5	Max. 10.8	23005423-01-XXX	5	Max. 10.8	23005433-01-XXX
6	Max. 10.8	23006413-01-XXX	6	Max. 10.8	23006423-01-XXX	6	Max. 10.8	23006433-01-XXX
7	Max. 10.8	23007413-01-XXX	7	Max. 10.8	23007423-01-XXX	7	Max. 10.8	23007433-01-XXX
8	Max. 10.8	23008413-01-XXX	8	Max. 10.8	23008423-01-XXX	8	Max. 10.8	23008433-01-XXX
3+5	Max. 10.8	23305413-01-XXX	3+5	Max. 10.8	23305423-01-XXX	3+5	Max. 10.8	23305433-01-XXX
9	Max. 10.8	23009413-01-XXX	9	Max. 10.8	23009423-01-XXX	9	Max. 10.8	23009433-01-XXX
10	Max. 10.8	23010413-01-XXX	10	Max. 10.8	23010423-01-XXX	10	Max. 10.8	23010433-01-XXX
12	Max. 10.8	23012413-01-XXX	12	Max. 10.8	23012423-01-XXX	12	Max. 10.8	23012433-01-XXX
14	Max. 10.8	23014413-01-XXX	14	Max. 10.8	23014423-01-XXX	14	Max. 10.8	23014433-01-XXX
18	Max. 10.8	23018413-01-XXX	18	Max. 10.8	23018423-01-XXX	18	Max. 10.8	23018433-01-XXX

Specifications

Number of Contacts	2	3	4	5	6	7	8	3+5	9	10	12	14	18
Wire Gauge	14AWG		17AWG	18AWG		22AWG		17AWG+ 24AWG	22AWG	24AWG			
Cable Range	Max. 10.8mm												
Environmental Protection	IP67												
Mechanical Life	500 mating cycles												
OperatingTemperature	- 40℃ - 80℃												
Voltage Rating	300V	300V	300V	125V	125V	60V	60V	125+30V	60V	30V	30V	30V	30V
Rated Current(40℃)	20A	20A	15A	10A	10A	5A	5A	15A+2A	5A	5A	2A	2A	2A

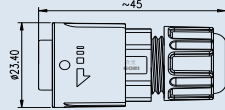
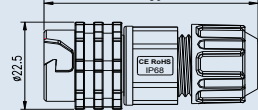
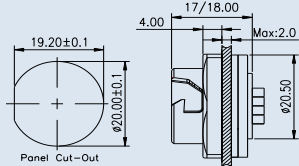
MIDDLE SERIES

CHOGORI USA

Middle Series Specifications

Middle Series , Metal system

Description	Field Installable, 180° Push Lock Type,Solder	Field Installable, 180° Push Lock Type,Solder	Front Panel Mount Push Lock Type,Solder
Figure			

Drawing			
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Part-No.	Contacts	Cable Range(mm)	Part-Number	Contacts	Cable Range(mm)	Part-Number	Contacts	Part-Number
	2	3.5 - 6.5	23002231-81	2	3.5 - 6.5	23002331-81	2	23002535-81
		6.5 - 9.5	23002231-82		6.5 - 9.5	23002331-82		
	3	3.5 - 6.5	23003231-81	3	3.5 - 6.5	23003331-81	3	23003535-81
		6.5 - 9.5	23003231-82		6.5 - 9.5	23003331-82		
	4	3.5 - 6.5	23004231-81	4	3.5 - 6.5	23004331-81	4	23004535-81
		6.5 - 9.5	23004231-82		6.5 - 9.5	23004331-82		
	5	3.5 - 6.5	23005231-81	5	3.5 - 6.5	23005331-81	5	23005535-81
		6.5 - 9.5	23005231-82		6.5 - 9.5	23005331-82		
	6	3.5 - 6.5	23006231-81	6	3.5 - 6.5	23006331-81	6	23006535-81
		6.5 - 9.5	23006231-82		6.5 - 9.5	23006331-82		
	7	3.5 - 6.5	23007231-81	7	3.5 - 6.5	23007331-81	7	23007535-81
		6.5 - 9.5	23007231-82		6.5 - 9.5	23007331-82		
	8	3.5 - 6.5	23008231-81	8	3.5 - 6.5	23008331-81	8	23008535-81
		6.5 - 9.5	23008231-82		6.5 - 9.5	23008331-82		
	3+5	3.5 - 6.5	23305231-81	3+5	3.5 - 6.5	23305331-81	3+5	23305535-81
		6.5 - 9.5	23305231-82		6.5 - 9.5	23305331-82		
	9	3.5 - 6.5	23009231-81	9	3.5 - 6.5	23009331-81	9	23009535-81
		6.5 - 9.5	23009231-82		6.5 - 9.5	23009331-82		
	10	3.5 - 6.5	23010231-81	10	3.5 - 6.5	23010331-81	10	23010535-81
		6.5 - 9.5	23010231-82		6.5 - 9.5	23010331-82		
	12	3.5 - 6.5	23012231-81	12	3.5 - 6.5	23012331-81	12	23012535-81
		6.5 - 9.5	23012231-82		6.5 - 9.5	23012331-82		
	14	3.5 - 6.5	23014231-81	14	3.5 - 6.5	23014331-81	14	23014535-81
		6.5 - 9.5	23014231-82		6.5 - 9.5	23014331-82		
	18	3.5 - 6.5	23018231-81	18	3.5 - 6.5	23018331-81	18	23018535-81
		6.5 - 9.5	23018231-82		6.5 - 9.5	23018331-82		

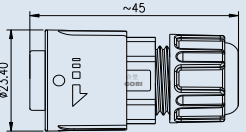
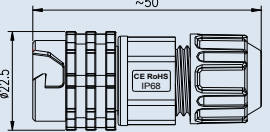
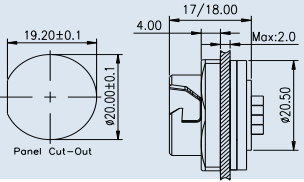
Specifications													
Number of Contacts	2	3	4	5	6	7	8	3+5	9	10	12	14	18
Wire Gauge	14AWG		17AWG	18AWG		22AWG		17AWG + 24AWG	22AWG	24AWG			
Cable Range / Panel Thickness	3.5mm - 6.5mm, 6.5mm - 9.5mm									Panel Thickness Max. 2.0mm			
Environmental Protection	IP67				IP67					IP67			
Mechanical Life	500 mating cycles												
Operating Temperature	- 45°C - 105°C												
Voltage Rating	300V	300V	300V	125V	125V	60V	60V	125+30V	60V	30V	30V	30V	30V
Rated Current(40°C)	20A	20A	15A	10A	10A	5A	5A	15A+2A	5A	5A	5A	5A	2A

MIDDLE SERIES

CHOGORI USA

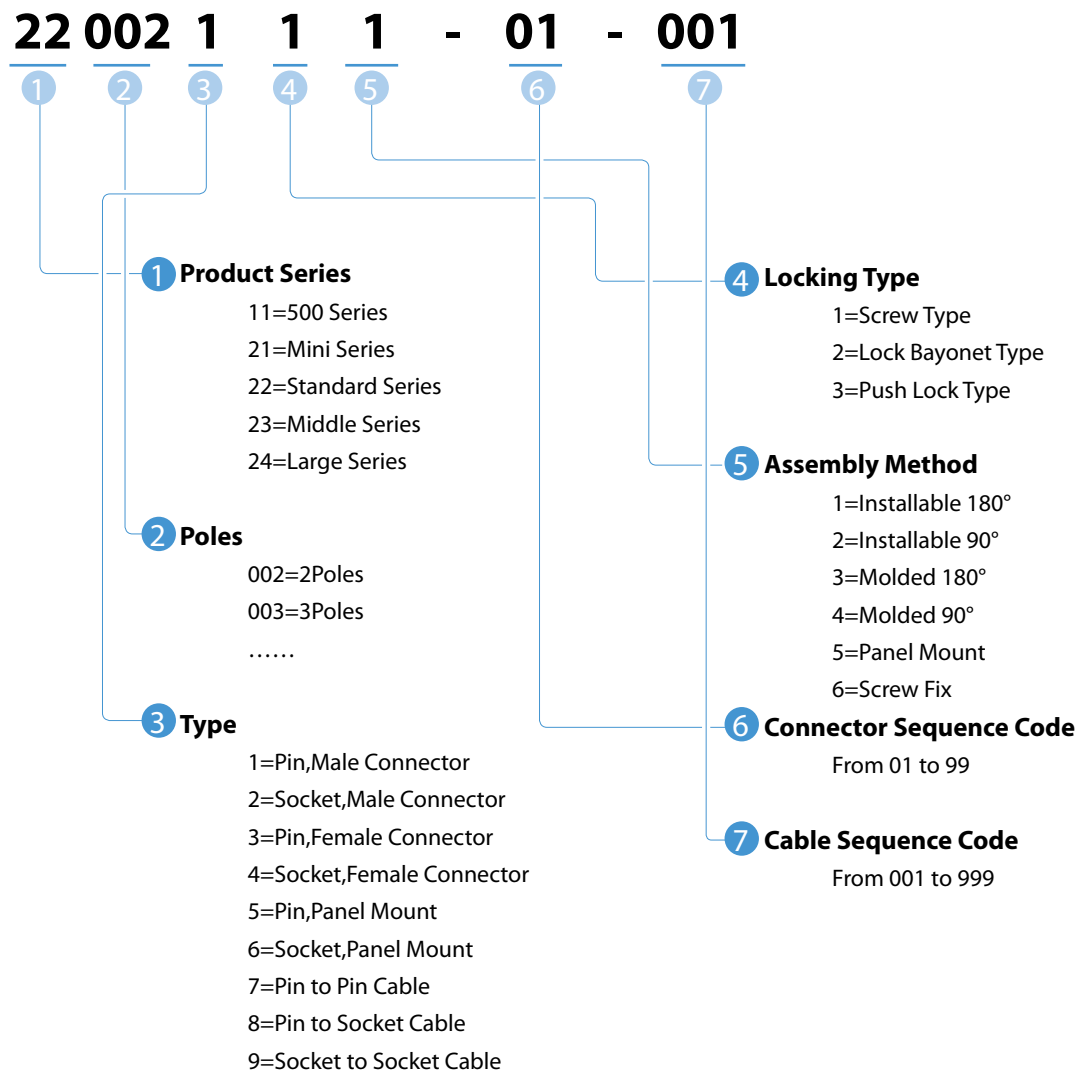
Middle Series Specifications

Middle Series, Metal system

Description	Field Installable, 180° Push Lock Type, Solder	Field Installable, 180° Push Lock Type, Solder	Front Panel Mount Push Lock Type, Solder																																																																																																																																																																				
Figure																																																																																																																																																																							
Drawing																																																																																																																																																																							
Part-No.	<table><tr><th>Contacts</th><th>Cable Range(mm)</th><th>Part-Number</th></tr><tr><td rowspan="2">2</td><td>3.5 - 6.5</td><td>23002131-81</td></tr><tr><td>6.5 - 9.5</td><td>23002131-82</td></tr><tr><td rowspan="2">3</td><td>3.5 - 6.5</td><td>23003131-81</td></tr><tr><td>6.5 - 9.5</td><td>23003131-82</td></tr><tr><td rowspan="2">4</td><td>3.5 - 6.5</td><td>23004131-81</td></tr><tr><td>6.5 - 9.5</td><td>23004131-82</td></tr><tr><td rowspan="2">5</td><td>3.5 - 6.5</td><td>23005131-81</td></tr><tr><td>6.5 - 9.5</td><td>23005131-82</td></tr><tr><td rowspan="2">6</td><td>3.5 - 6.5</td><td>23006131-81</td></tr><tr><td>6.5 - 9.5</td><td>23006131-82</td></tr><tr><td rowspan="2">7</td><td>3.5 - 6.5</td><td>23007131-81</td></tr><tr><td>6.5 - 9.5</td><td>23007131-82</td></tr><tr><td rowspan="2">8</td><td>3.5 - 6.5</td><td>23008131-81</td></tr><tr><td>6.5 - 9.5</td><td>23008131-82</td></tr><tr><td rowspan="2">3+5</td><td>3.5 - 6.5</td><td>23305131-81</td></tr><tr><td>6.5 - 9.5</td><td>23305131-82</td></tr><tr><td rowspan="2">9</td><td>3.5 - 6.5</td><td>23009131-81</td></tr><tr><td>6.5 - 9.5</td><td>23009131-82</td></tr><tr><td rowspan="2">10</td><td>3.5 - 6.5</td><td>23010131-81</td></tr><tr><td>6.5 - 9.5</td><td>23010131-82</td></tr><tr><td rowspan="2">12</td><td>3.5 - 6.5</td><td>23012131-81</td></tr><tr><td>6.5 - 9.5</td><td>23012131-82</td></tr><tr><td rowspan="2">14</td><td>3.5 - 6.5</td><td>23014131-81</td></tr><tr><td>6.5 - 9.5</td><td>23014131-82</td></tr><tr><td rowspan="2">18</td><td>3.5 - 6.5</td><td>23018131-81</td></tr><tr><td>6.5 - 9.5</td><td>23018131-82</td></tr></table>	Contacts	Cable Range(mm)	Part-Number	2	3.5 - 6.5	23002131-81	6.5 - 9.5	23002131-82	3	3.5 - 6.5	23003131-81	6.5 - 9.5	23003131-82	4	3.5 - 6.5	23004131-81	6.5 - 9.5	23004131-82	5	3.5 - 6.5	23005131-81	6.5 - 9.5	23005131-82	6	3.5 - 6.5	23006131-81	6.5 - 9.5	23006131-82	7	3.5 - 6.5	23007131-81	6.5 - 9.5	23007131-82	8	3.5 - 6.5	23008131-81	6.5 - 9.5	23008131-82	3+5	3.5 - 6.5	23305131-81	6.5 - 9.5	23305131-82	9	3.5 - 6.5	23009131-81	6.5 - 9.5	23009131-82	10	3.5 - 6.5	23010131-81	6.5 - 9.5	23010131-82	12	3.5 - 6.5	23012131-81	6.5 - 9.5	23012131-82	14	3.5 - 6.5	23014131-81	6.5 - 9.5	23014131-82	18	3.5 - 6.5	23018131-81	6.5 - 9.5	23018131-82	<table><tr><th>Contacts</th><th>Cable Range(mm)</th><th>Part-Number</th></tr><tr><td rowspan="2">2</td><td>3.5 - 6.5</td><td>23002431-81</td></tr><tr><td>6.5 - 9.5</td><td>23002431-82</td></tr><tr><td rowspan="2">3</td><td>3.5 - 6.5</td><td>23003431-81</td></tr><tr><td>6.5 - 9.5</td><td>23003431-82</td></tr><tr><td rowspan="2">4</td><td>3.5 - 6.5</td><td>23004431-81</td></tr><tr><td>6.5 - 9.5</td><td>23004431-82</td></tr><tr><td rowspan="2">5</td><td>3.5 - 6.5</td><td>23005431-81</td></tr><tr><td>6.5 - 9.5</td><td>23005431-82</td></tr><tr><td rowspan="2">6</td><td>3.5 - 6.5</td><td>23006431-81</td></tr><tr><td>6.5 - 9.5</td><td>23006431-82</td></tr><tr><td rowspan="2">7</td><td>3.5 - 6.5</td><td>23007431-81</td></tr><tr><td>6.5 - 9.5</td><td>23007431-82</td></tr><tr><td rowspan="2">8</td><td>3.5 - 6.5</td><td>23008431-81</td></tr><tr><td>6.5 - 9.5</td><td>23008431-82</td></tr><tr><td rowspan="2">3+5</td><td>3.5 - 6.5</td><td>23305431-81</td></tr><tr><td>6.5 - 9.5</td><td>23305431-82</td></tr><tr><td rowspan="2">9</td><td>3.5 - 6.5</td><td>23009431-81</td></tr><tr><td>6.5 - 9.5</td><td>23009431-82</td></tr><tr><td rowspan="2">10</td><td>3.5 - 6.5</td><td>23010431-81</td></tr><tr><td>6.5 - 9.5</td><td>23010431-82</td></tr><tr><td rowspan="2">12</td><td>3.5 - 6.5</td><td>23012431-81</td></tr><tr><td>6.5 - 9.5</td><td>23012431-82</td></tr><tr><td rowspan="2">14</td><td>3.5 - 6.5</td><td>23014431-81</td></tr><tr><td>6.5 - 9.5</td><td>23014431-82</td></tr><tr><td rowspan="2">18</td><td>3.5 - 6.5</td><td>23018431-81</td></tr><tr><td>6.5 - 9.5</td><td>23018431-82</td></tr></table>	Contacts	Cable Range(mm)	Part-Number	2	3.5 - 6.5	23002431-81	6.5 - 9.5	23002431-82	3	3.5 - 6.5	23003431-81	6.5 - 9.5	23003431-82	4	3.5 - 6.5	23004431-81	6.5 - 9.5	23004431-82	5	3.5 - 6.5	23005431-81	6.5 - 9.5	23005431-82	6	3.5 - 6.5	23006431-81	6.5 - 9.5	23006431-82	7	3.5 - 6.5	23007431-81	6.5 - 9.5	23007431-82	8	3.5 - 6.5	23008431-81	6.5 - 9.5	23008431-82	3+5	3.5 - 6.5	23305431-81	6.5 - 9.5	23305431-82	9	3.5 - 6.5	23009431-81	6.5 - 9.5	23009431-82	10	3.5 - 6.5	23010431-81	6.5 - 9.5	23010431-82	12	3.5 - 6.5	23012431-81	6.5 - 9.5	23012431-82	14	3.5 - 6.5	23014431-81	6.5 - 9.5	23014431-82	18	3.5 - 6.5	23018431-81	6.5 - 9.5	23018431-82	<table><tr><th>Contacts</th><th>Part-Number</th></tr><tr><td>2</td><td>23002635-81</td></tr><tr><td>3</td><td>23003635-81</td></tr><tr><td>4</td><td>23004635-81</td></tr><tr><td>5</td><td>23005635-81</td></tr><tr><td>6</td><td>23006635-81</td></tr><tr><td>7</td><td>23007635-81</td></tr><tr><td>8</td><td>23008635-81</td></tr><tr><td>3+5</td><td>23305635-81</td></tr><tr><td>9</td><td>23009635-81</td></tr><tr><td>10</td><td>23010635-81</td></tr><tr><td>12</td><td>23012635-81</td></tr><tr><td>14</td><td>23014635-81</td></tr><tr><td>18</td><td>23018635-81</td></tr></table>	Contacts	Part-Number	2	23002635-81	3	23003635-81	4	23004635-81	5	23005635-81	6	23006635-81	7	23007635-81	8	23008635-81	3+5	23305635-81	9	23009635-81	10	23010635-81	12	23012635-81	14	23014635-81	18	23018635-81
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5	3.5 - 6.5	23005431-81																																																																																																																																																																					
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14	3.5 - 6.5	23014431-81																																																																																																																																																																					
	6.5 - 9.5	23014431-82																																																																																																																																																																					
18	3.5 - 6.5	23018431-81																																																																																																																																																																					
	6.5 - 9.5	23018431-82																																																																																																																																																																					
Contacts	Part-Number																																																																																																																																																																						
2	23002635-81																																																																																																																																																																						
3	23003635-81																																																																																																																																																																						
4	23004635-81																																																																																																																																																																						
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7	23007635-81																																																																																																																																																																						
8	23008635-81																																																																																																																																																																						
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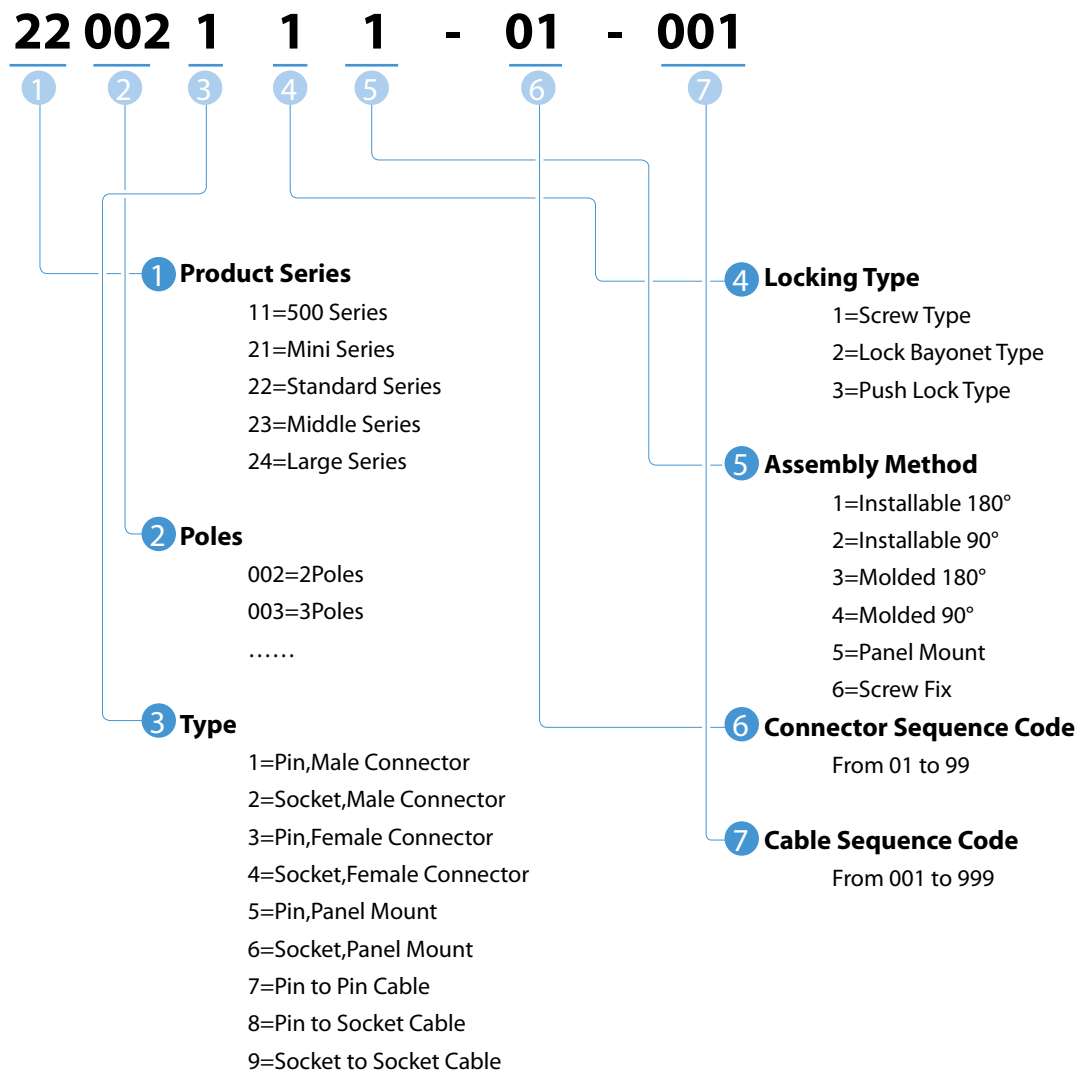
Specifications

Number of Contacts	2	3	4	5	6	7	8	3+5	9	10	12	14	18
Wire Gauge	14AWG		17AWG	18AWG		22AWG		17AWG + 24AWG	22AWG	24AWG			
Cable Range / Panel Thickness	3.5mm - 6.5mm, 6.5mm - 9.5mm								Panel Thickness Max. 2.0mm				
Environmental Protection	IP67				IP67				IP67				
Mechanical Life	500 mating cycles												
Operating Temperature	- 45℃ - 105℃												
Voltage Rating	300V	300V	300V	125V	125V	60V	60V	125+30V	60V	30V	30V	30V	30V
Rated Current(40℃)	20A	20A	15A	10A	10A	5A	5A	15A+2A	5A	5A	2A	2A	2A



1. Large Series, Assembly InstrucionP73
2. Large Series, Panel Mount & Male PinP74 - P76
3. Large Series, Male Connector & Female PinP77 - P78
4. Large Series, Panel Mount & Female PinP79 - P81
5. Large Series, Male Connector & Male PinP82 - P83
6. Large Series, Female Connector & Male PinP84 - P85
7. Large Series, Female Connector & Female PinP86 - P87
8. Large Series, Metal System Push Lock TypeP88 - P89

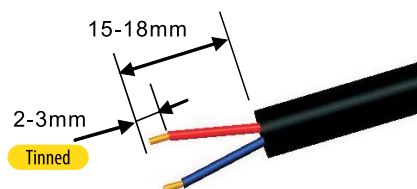




CHOGORI USA

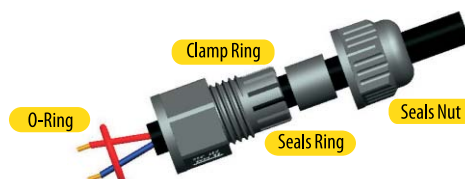
1

Strip and prepare Cable.



2

Thread Seals Nut, Seals Ring, Clamp Ring and O-Ring onto the cable.



3

Solder wire.



4

Assemble O-Ring into Clamp ring.



5

Assemble Clamp Ring to Housing.



6

Put Seals Ring to the Clamp Ring.



7

Assemble Seals Nut and Clamp Ring.

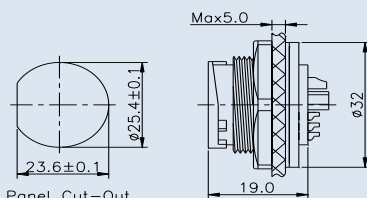
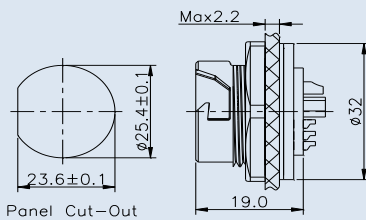


LARGE SERIES

CHOGORI USA

Large Series Specifications

Large Series, Panel Mount & Male Pin

Description	Front Panel Mount Lock Bayonet Type, Solder	Front Panel Mount Push Lock Type, Solder																																				
Figure																																						
Drawing																																						
Part-No.	<table><tr><th>Contacts</th><th>Part Number</th></tr><tr><td>2</td><td>24002525-01 </td></tr><tr><td>3(20A)</td><td>24003525-01 </td></tr><tr><td>3(50A)</td><td>24003525-02</td></tr><tr><td>9</td><td>24009525-01</td></tr><tr><td>18</td><td>24018525-01</td></tr><tr><td>24</td><td>24024525-01</td></tr><tr><td>3+9(MF)</td><td>24309525-01 </td></tr><tr><td>3+11(MF)</td><td>24311525-01</td></tr></table>	Contacts	Part Number	2	24002525-01 	3(20A)	24003525-01 	3(50A)	24003525-02	9	24009525-01	18	24018525-01	24	24024525-01	3+9(MF)	24309525-01 	3+11(MF)	24311525-01	<table><tr><th>Contacts</th><th>Part Number</th></tr><tr><td>2</td><td>24002535-01 </td></tr><tr><td>3(20A)</td><td>24003535-01 </td></tr><tr><td>3(50A)</td><td>24003535-02</td></tr><tr><td>9</td><td>24009535-01</td></tr><tr><td>18</td><td>24018535-01</td></tr><tr><td>24</td><td>24024535-01</td></tr><tr><td>3+9(MF)</td><td>24309535-01 </td></tr><tr><td>3+11(MF)</td><td>24311535-01</td></tr></table>	Contacts	Part Number	2	24002535-01 	3(20A)	24003535-01 	3(50A)	24003535-02	9	24009535-01	18	24018535-01	24	24024535-01	3+9(MF)	24309535-01 	3+11(MF)	24311535-01
Contacts	Part Number																																					
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24	24024525-01																																					
3+9(MF)	24309525-01 																																					
3+11(MF)	24311525-01																																					
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18	24018535-01																																					
24	24024535-01																																					
3+9(MF)	24309535-01 																																					
3+11(MF)	24311535-01																																					

Specifications

Number of Contacts	2	3	3	9	18	24	3+9	3+11
Wire Gauge	12AWG		8AWG	18AWG	22AWG		12AWG+24AWG	
Panel Thickness	Max. 5.0mm				Max. 2.2mm			
Environmental Protection	IP67							
Mechanical Life	500 mating cycles							
OperatingTemperature	- 45℃ - 105℃							
Voltage Rating	300V	300V	300V	125V	125V	300V	300V	
Rated Current (40℃)	20A	20A	50A	5A	5A	20A+5A	20A+5A	

LARGE SERIES

CHOGORI USA

Large Series Specifications

Large Series, Panel Mount & Male Pin

Description

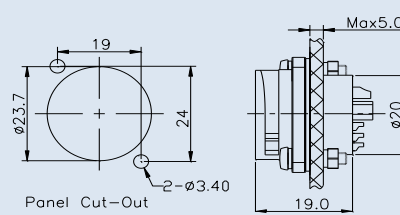
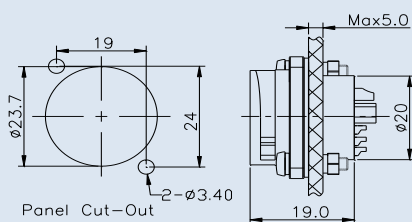
Square Panel Mount
Lock Bayonet Type, Solder

Square Panel Mount
Push Lock Type, Solder

Figure



Drawing



Part-No.

Contacts	Part Number	Contacts	Part Number
2	24002526-01 	2	24002536-01 
3(20A)	24003526-01 	3(20A)	24003536-01 
3(50A)	24003526-02	3(50A)	24003536-02
9	24009526-01	9	24009536-01
3+9(MF)	24309526-01 	3+9(MF)	24309536-01 

Specifications

Number of Contacts	2	3	3	9	3+9
Wire Gauge	12AWG		8AWG	18AWG	12AWG+24AWG
Panel Thickness	Max. 5.0mm				Max. 5.0mm
Environmental Protection	IP67				
Mechanical Life	500 mating cycles				
Operating Temperature	- 45°C - 105°C				
Voltage Rating	300V	300V	300V	125V	300V
Rated Current (40°C)	20A	20A	50A	5A	20A+5A

LARGE SERIES

CHOGORI USA

Large Series Specifications

Large Series, Panel Mount & Male Pin

Description Rhombus Panel Mount
Lock Bayonet Type, Solder

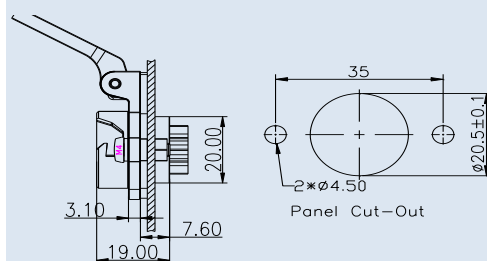
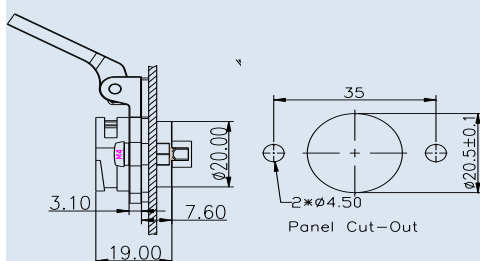
Figure



Description Rhombus Panel Mount
Push Lock Type, Solder



Drawing



Part-No.	Contacts	Part Number	Contacts	Part Number
	2	24002526-02 	2	24002536-02 
	3(20A)	24003526-03 	3(20A)	24003536-03 
	3(50A)	24003526-04	3(50A)	24003536-04
	9	24009526-02	9	24009536-02
	3+9(MF)	24309526-02 	3+9(MF)	24309536-02 

Specifications

Number of Contacts	2	3	3	9	3+9
Wire Gauge	12AWG		8AWG	18AWG	12AWG+24AWG
Panel Thickness	Max. 5.0mm				Max. 5.0mm
Environmental Protection	IP67				
Mechanical Life	500 mating cycles				
Operating Temperature	- 45℃ - 105℃				
Voltage Rating	300V	300V	300V	125V	300V
Rated Current (40℃)	20A	20A	50A	5A	20A+5A

LARGE SERIES

CHOGORI USA

Large Series Specifications

Large Series, Male Connector & Female Pin

Description

Field Installable, 180°
Lock Bayonet Type, Solder

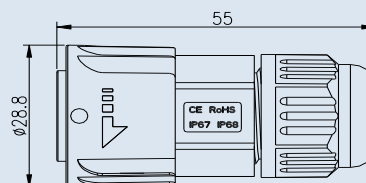
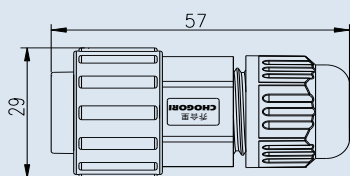
Figure



Field Installable, 180°
Push Lock Type, Solder



Drawing



Part-No.

Contacts	Cable Range(mm)	Part Number	Contacts	Cable Range(mm)	Part Number
2	4.5 - 6.5	24002221-01	2	4.5 - 6.5	24002231-01
	6.5 - 10.5	24002221-02		6.5 - 10.5	24002231-02
3(20A)	4.5 - 6.5	24003221-01	3(20A)	4.5 - 6.5	24003231-01
	6.5 - 10.5	24003221-02		6.5 - 10.5	24003231-02
3(50A)	4.5 - 6.5	24003221-03	3(50A)	4.5 - 6.5	24003231-03
	6.5 - 10.5	24003221-04		6.5 - 10.5	24003231-04
9	4.5 - 6.5	24009221-01	9	4.5 - 6.5	24009231-01
	6.5 - 10.5	24009221-02		6.5 - 10.5	24009231-02
18	4.5 - 6.5	24018221-01	18	4.5 - 6.5	24018231-01
	6.5 - 10.5	24018221-02		6.5 - 10.5	24018231-02
24	4.5 - 6.5	24024221-01	24	4.5 - 6.5	24024231-01
	6.5 - 10.5	24024221-02		6.5 - 10.5	24024231-02
3+9(FM)	4.5 - 6.5	24309221-01	3+9(FM)	4.5 - 6.5	24309231-01
	6.5 - 10.5	24309221-02		6.5 - 10.5	24309231-02
3+11(FM)	4.5 - 6.5	24311221-01	3+11(FM)	4.5 - 6.5	24311231-01
	6.5 - 10.5	24311221-02		6.5 - 10.5	24311231-02

Specifications

Number of Contacts	2	3	3	9	18	24	3+9	3+11
Wire Gauge	12AWG		8AWG	18AWG	22AWG		12AWG+24AWG	
Cable Range	4.5mm - 6.5mm, 6.5mm - 10.5mm							
Environmental Protection	IP67							
Mechanical Life	500 mating cycles							
Operating Temperature	- 45℃ - 105℃							
Voltage Rating	300V	300V	300V	125V	125V	125V	300V	300V
Rated Current (40℃)	20A	20A	50A	5A	5A	5A	20A+5A	20A+5A

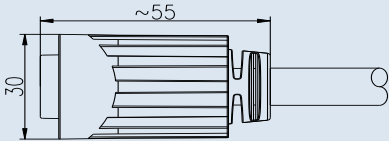
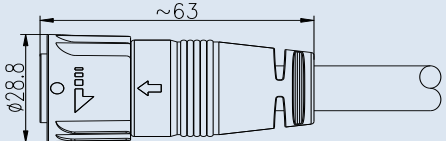
LARGE SERIES

CHOGORI USA

Large Series Specifications

Large Series, Male Connector & Female Pin

Description	Molded with Cable, 180° Lock Bayonet Type, Solder	Molded with Cable, 180° Push Lock Type, Solder
Figure		

Drawing		
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Part-No.	Contacts	Cable Range(mm)	Part Number	Contacts	Cable Range(mm)	Part Number
	2	Max. 13.0mm	24002223-01-XXX 	2	Max. 13.0mm	24002233-01-XXX 
	3(20A)	Max. 13.0mm	24003223-01-XXX 	3(20A)	Max. 13.0mm	24003233-01-XXX 
	3(50A)	Max. 13.0mm	24003223-02-XXX	3(50A)	Max. 13.0mm	24003233-02-XXX
	9	Max. 13.0mm	24009223-01-XXX	9	Max. 13.0mm	24009233-01-XXX
	18	Max. 13.0mm	24018223-01-XXX	18	Max. 13.0mm	24018233-01-XXX
	24	Max. 13.0mm	24024223-01-XXX	24	Max. 13.0mm	24024233-01-XXX
	3+9(FM)	Max. 13.0mm	24309223-01-XXX 	3+9(FM)	Max. 13.0mm	24309233-01-XXX 
	3+11(FM)	Max. 13.0mm	24311223-01-XXX	3+11(FM)	Max. 13.0mm	24311233-01-XXX

Specifications								
Number of Contacts	2	3	3	9	18	24	3+9	3+11
Wire Gauge	12AWG		8AWG	18AWG	22AWG		12AWG+24AWG	
Cable Range	4.5mm - 13.0mm							
Environmental Protection	IP67							
Mechanical Life	500 mating cycles							
Operating Temperature	- 40℃ - 80℃							
Voltage Rating	300V	300V	300V	125V	125V	125V	300V	300V
Rated Current (40℃)	20A	20A	50A	5A	5A	5A	20A+5A	20A+5A

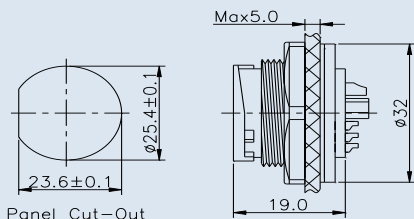
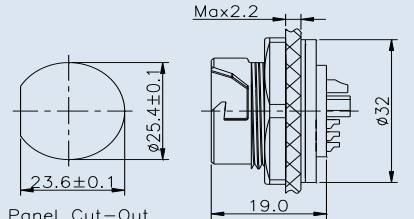
LARGE SERIES

CHOGORI USA

Large Series Specifications

Large Series, Panel Mount & Female Pin

Description	Front Panel Mount Lock Bayonet Type, Solder	Front Panel Mount Push Lock Type, Solder
Figure		

Drawing		
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Part-No.	Contacts	Part Number	Contacts	Part Number
	2	24002625-01 	2	24002635-01 
	3(20A)	24003625-01 	3(20A)	24003635-01 
	3(50A)	24003625-02	3(50A)	24003635-02
	9	24009625-01	9	24009635-01
	18	24018625-01	18	24018635-01
	3+9(FM)	24309625-01 	3+9(FM)	24309635-01 
	3+11(FM)	24311625-01	3+11(FM)	24311635-01

Specifications							
Number of Contacts	2	3	3	9	18	3+9	3+11
Wire Gauge	12AWG		8AWG	18AWG	22AWG	12AWG+24AWG	
Panel Thickness	Max. 5.0mm				Max. 2.2mm		
Environmental Protection	IP67						
Mechanical Life	500 mating cycles						
OperatingTemperature	- 45℃ - 105℃						
Voltage Rating	300V	300V	300V	125V	125V	300V	300V
Rated Current (40℃)	20A	20A	50A	5A	5A	20A+5A	20A+5A

LARGE SERIES

CHOGORI USA

Large Series Specifications

Large Series, Panel Mount & Female Pin

Description

Square Panel Mount
Lock Bayonet Type, Solder

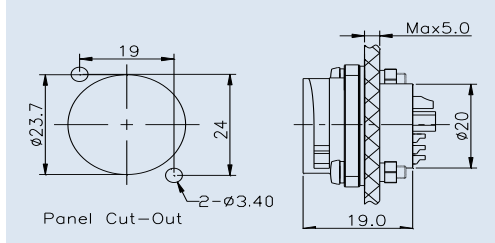
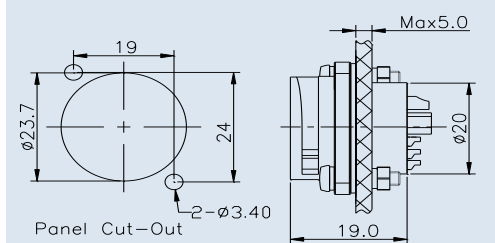
Figure



Square Panel Mount
Push Lock Type, Solder



Drawing



Part-No.

Contacts	Part Number	Contacts	Part Number
2	24002626-01	2	24002636-01
3(20A)	24003626-01	3(20A)	24003636-01
3(50A)	24003626-02	3(50A)	24003636-02
9	24009626-01	9	24009636-01
3+9(FM)	24309626-01	3+9(FM)	24309636-01

Specifications

Number of Contacts	2	3	3	9	3+9
Wire Gauge	12AWG		8AWG	18AWG	12AWG+24AWG
Panel Thickness	Max. 5.0mm				Max. 5.0mm
Environmental Protection	IP67				
Mechanical Life	500 mating cycles				
Operating Temperature	- 45°C - 105°C				
Voltage Rating	300V	300V	300V	125V	300V
Rated Current (40°C)	20A	20A	50A	5A	20A+5A

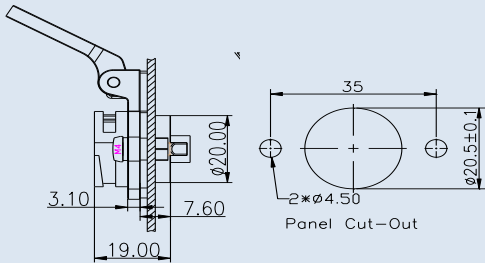
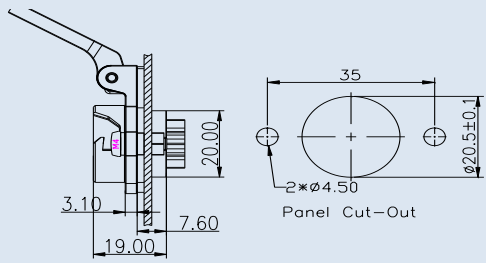
LARGE SERIES

CHOGORI USA

Large Series Specifications

Large Series, Panel Mount & Female Pin

Description	Rhombus Panel Mount Lock Bayonet Type, Solder	Rhombus Panel Mount Push Lock Type, Solder
Figure		

Drawing		
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Part-No.	Contacts	Part Number	Contacts	Part Number
	2	24002626-05 	2	24002636-05 
	3(20A)	24003626-03 	3(20A)	24003636-03 
	3(50A)	24003626-04	3(50A)	24003636-04
	9	24009626-05	9	24009636-05
	3+9(FM)	24309626-05 	3+9(FM)	24309636-05 

Specifications

Number of Contacts	2	3	3	9	3+9
Wire Gauge	12AWG		8AWG	18AWG	12AWG+24AWG
Panel Thickness	Max. 5.0mm				Max. 5.0mm
Environmental Protection	IP67				
Mechanical Life	500 mating cycles				
Operating Temperature	- 45℃ - 105℃				
Voltage Rating	300V	300V	300V	125V	300V
Rated Current (40℃)	20A	20A	50A	5A	20A+5A

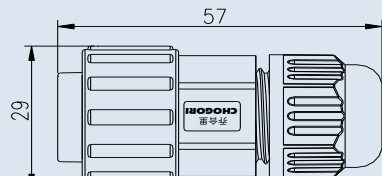
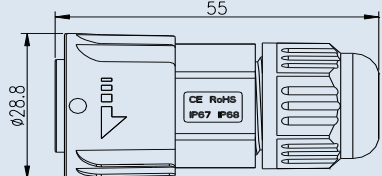
LARGE SERIES

CHOGORI USA

Large Series Specifications

Large Series, Male connector & Male Pin

Description	Field Installable, 180° Lock Bayonet Type, Solder	Field Installable, 180° Push Lock Type, Solder
Figure		

Drawing		
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Part-No.	Contacts	Cable Range(mm)	Part Number	Contacts	Cable Range(mm)	Part Number
2	2	4.5 - 6.5	24002121-01 	2	4.5 - 6.5	24002131-01 
		6.5 - 10.5	24002121-02 		6.5 - 10.5	24002131-02 
3(20A)	3(20A)	4.5 - 6.5	24003121-01 	3(20A)	4.5 - 6.5	24003131-01 
		6.5 - 10.5	24003121-02 		6.5 - 10.5	24003131-02 
3(50A)	3(50A)	4.5 - 6.5	24003121-03	3(50A)	4.5 - 6.5	24003131-03
		6.5 - 10.5	24003121-04		6.5 - 10.5	24003131-04
9	9	4.5 - 6.5	24009121-01	9	4.5 - 6.5	24009131-01
		6.5 - 10.5	24009121-02		6.5 - 10.5	24009131-02
18	18	4.5 - 6.5	24018121-01	18	4.5 - 6.5	24018131-01
		6.5 - 10.5	24018121-02		6.5 - 10.5	24018131-02
3+9(MF)	3+9(MF)	4.5 - 6.5	24309121-01 	3+9(MF)	4.5 - 6.5	24309131-01 
		6.5 - 10.5	24309121-02 		6.5 - 10.5	24309131-02 
3+11(MF)	3+11(MF)	4.5 - 6.5	24311121-01	3+11(MF)	4.5 - 6.5	24311131-01
		6.5 - 10.5	24311121-02		6.5 - 10.5	24311131-02

Specifications							
Number of Contacts	2	3	3	9	18	3+9	3+11
Wire Gauge	12AWG		8AWG	18AWG	22AWG	12AWG+24AWG	
Cable Range	4.5mm - 6.5mm, 6.5mm - 10.5mm						
Environmental Protection	IP67						
Mechanical Life	500 mating cycles						
OperatingTemperature	- 45℃ - 105℃						
Voltage Rating	300V	300V	300V	125V	125V	300V	300V
Rated Current (40℃)	20A	20A	50A	5A	5A	20A+5A	20A+5A

LARGE SERIES

CHOGORI USA

Large Series Specifications

Large Series, Male connector & Male Pin

Description

Molded with Cable, 180°
Lock Bayonet Type, Solder

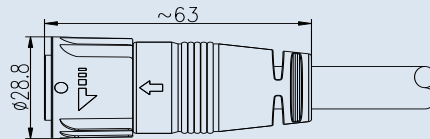
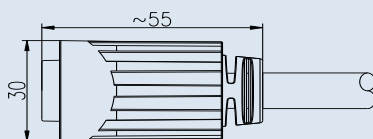
Figure



Molded with Cable, 180°
Push Lock Type, Solder



Drawing



Part-No.

Contacts	Cable Range(mm)	Part Number	Contacts	Cable Range(mm)	Part Number
2	Max. 13.0mm	24002123-01-XXX	2	Max. 13.0mm	24002133-01-XXX
3(20A)	Max. 13.0mm	24003123-01-XXX	3(20A)	Max. 13.0mm	24003133-01-XXX
3(50A)	Max. 13.0mm	24003123-02-XXX	3(50A)	Max. 13.0mm	24003133-02-XXX
9	Max. 13.0mm	24009123-01-XXX	9	Max. 13.0mm	24009133-01-XXX
18	Max. 13.0mm	24018123-01-XXX	18	Max. 13.0mm	24018133-01-XXX
3+9(MF)	Max. 13.0mm	24309123-01-XXX	3+9(MF)	Max. 13.0mm	24309133-01-XXX
3+11(MF)	Max. 13.0mm	24311123-01-XXX	3+11(MF)	Max. 13.0mm	24311133-01-XXX

Specifications

Number of Contacts	2	3	3	9	18	3+9	3+11
Wire Gauge	12AWG		8AWG	18AWG	22AWG	12AWG+24AWG	
Cable Range	4.5mm - 13.0mm						
Environmental Protection	IP67						
Mechanical Life	500 mating cycles						
OperatingTemperature	- 40℃ - 80℃						
Voltage Rating	300V	300V	300V	125V	125V	300V	300V
Rated Current (40℃)	20A	20A	50A	5A	5A	20A+5A	20A+5A

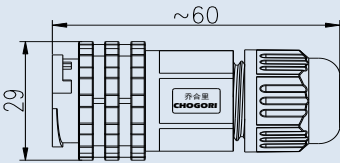
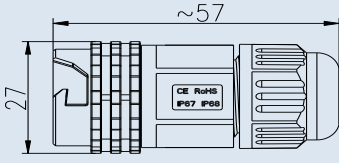
LARGE SERIES

CHOGORI USA

Large Series Specifications

Large Series, Female Connector & Male Pin

Description	Field Installable, 180° Lock Bayonet Type, Solder	Field Installable, 180° Push Lock Type, Solder
Figure		

Drawing		
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Part-No.	Contacts	Cable Range(mm)	Part Number	Contacts	Cable Range(mm)	Part Number
2		4.5 - 6.5	24002321-01 	2		24002331-01 
		6.5 - 10.5	24002321-02 			24002331-02 
3(20A)		4.5 - 6.5	24003321-01 	3(20A)		24003331-01 
		6.5 - 10.5	24003321-02 			24003331-02 
3(50A)		4.5 - 6.5	24003321-03	3(50A)		24003331-03
		6.5 - 10.5	24003321-04			24003331-04
9		4.5 - 6.5	24009321-01	9		24009331-01
		6.5 - 10.5	24009321-02			24009331-02
18		4.5 - 6.5	24018321-01	18		24018331-01
		6.5 - 10.5	24018321-02			24018331-02
3+9(MF)		4.5 - 6.5	24309321-01 	3+9(MF)		24309331-01 
		6.5 - 10.5	24309321-02 			24309331-02 
3+11(MF)		4.5 - 6.5	24311321-01	3+11(MF)		24311331-01
		6.5 - 10.5	24311321-02			24311331-02

Specifications							
Number of Contacts	2	3	3	9	18	3+9	3+11
Wire Gauge	12AWG		8AWG	18AWG	22AWG	12AWG+24AWG	
Cable Range	4.5mm - 6.5mm, 6.5mm - 10.5mm						
Environmental Protection	IP67						
Mechanical Life	500 mating cycles						
Operating Temperature	- 45℃ - 105℃						
Voltage Rating	300V	300V	300V	125V	125V	300V	300V
Rated Current (40℃)	20A	20A	50A	5A	5A	20A+5A	20A+5A

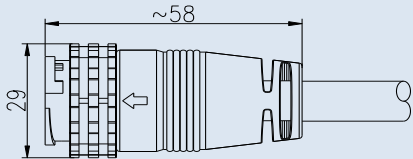
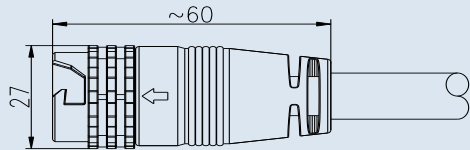
LARGE SERIES

CHOGORI USA

Large Series Specifications

Large Series, Female Connector & Male Pin

Description	Molded with Cable, 180° Lock Bayonet Type, Solder	Molded with Cable, 180° Push Lock Type, Solder
Figure		

Drawing		
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Part-No.	Contacts	Cable Range(mm)	Part Number	Contacts	Cable Range(mm)	Part Number
	2	Max. 13.0mm	24002323-01-XXX 	2	Max. 13.0mm	24002333-01-XXX 
	3(20A)	Max. 13.0mm	24003323-01-XXX 	3(20A)	Max. 13.0mm	24003333-01-XXX 
	3(50A)	Max. 13.0mm	24003323-02-XXX	3(50A)	Max. 13.0mm	24003333-02-XXX
	9	Max. 13.0mm	24009323-01-XXX	9	Max. 13.0mm	24009333-01-XXX
	18	Max. 13.0mm	24018323-01-XXX	18	Max. 13.0mm	24018333-01-XXX
	3+9(MF)	Max. 13.0mm	24309323-01-XXX 	3+9(MF)	Max. 13.0mm	24309333-01-XXX 
	3+11(MF)	Max. 13.0mm	24311323-01-XXX	3+11(MF)	Max. 13.0mm	24311333-01-XXX

Specifications

Number of Contacts	2	3	3	9	18	3+9	3+11
Wire Gauge	12AWG		8AWG	18AWG	22AWG	12AWG+24AWG	
Cable Range	4.5mm - 13.0mm						
Environmental Protection	IP67						
Mechanical Life	500 mating cycles						
OperatingTemperature	- 40℃ - 80℃						
Voltage Rating	300V	300V	300V	125V	125V	300V	300V
Rated Current (40℃)	20A	20A	50A	5A	5A	20A+5A	20A+5A

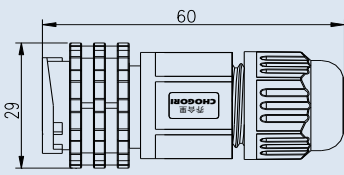
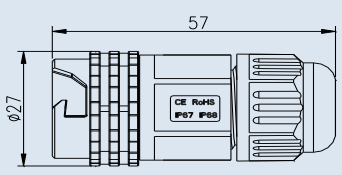
LARGE SERIES

CHOGORI USA

Large Series Specifications

Large Series, Female connector & Female Pin

Description	Field Installable, 180° Lock Bayonet Type, Solder	Field Installable, 180° Push Lock Type, Solder
Figure		

Drawing		
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Part-No.	Contacts	Cable Range(mm)	Part Number	Contacts	Cable Range(mm)	Part Number
2		4.5 - 6.5	24002421-01 	2		24002431-01 
		6.5 - 10.5	24002421-02 			24002431-02 
3(20A)		4.5 - 6.5	24003421-01 	3(20A)		24003431-01 
		6.5 - 10.5	24003421-02 			24003431-02 
3(50A)		4.5 - 6.5	24003421-03	3(50A)		24003431-03
		6.5 - 10.5	24003421-04			24003431-04
9		4.5 - 6.5	24009421-01	9		24009431-01
		6.5 - 10.5	24009421-02			24009431-02
18		4.5 - 6.5	24018421-01	18		24018431-01
		6.5 - 10.5	24018421-02			24018431-02
3+9(FM)		4.5 - 6.5	24309421-01 	3+9(FM)		24309431-01 
		6.5 - 10.5	24309421-02 			24309431-02 
3+11(FM)		4.5 - 6.5	24311421-01	3+11(FM)		24311431-01
		6.5 - 10.5	24311421-02			24311431-02

Specifications							
Number of Contacts	2	3	3	9	18	3+9	3+11
Wire Gauge	12AWG		8AWG	18AWG	22AWG	12AWG+24AWG	
Cable Range	4.5mm - 6.5mm, 6.5mm - 10.5mm						
Environmental Protection	IP67						
Mechanical Life	500 mating cycles						
Operating Temperature	- 45℃ - 105℃						
Voltage Rating	300V	300V	300V	125V	125V	300V	300V
Rated Current (40℃)	20A	20A	50A	5A	5A	20A+5A	20A+5A

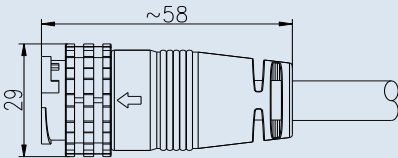
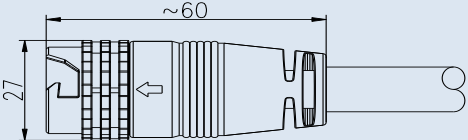
LARGE SERIES

CHOGORI USA

Large Series Specifications

Large Series, Female connector & Female Pin

Description	Molded with Cable, 180° Lock Bayonet Type, Solder	Molded with Cable, 180° Push Lock Type, Solder
Figure		

Drawing		
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Part-No.	Contacts	Cable Range(mm)	Part Number	Contacts	Cable Range(mm)	Part Number
	2	Max. 13.0mm	24002423-01-XXX 	2	Max. 13.0mm	24002433-01-XXX 
	3(20A)	Max. 13.0mm	24003423-01-XXX 	3(20A)	Max. 13.0mm	24003433-01-XXX 
	3(50A)	Max. 13.0mm	24003423-02-XXX	3(50A)	Max. 13.0mm	24003433-02-XXX
	9	Max. 13.0mm	24009423-01-XXX	9	Max. 13.0mm	24009433-01-XXX
	18	Max. 13.0mm	24018423-01-XXX	18	Max. 13.0mm	24018433-01-XXX
	3+9(FM)	Max. 13.0mm	24309423-01-XXX 	3+9(FM)	Max. 13.0mm	24309433-01-XXX 
	3+11(FM)	Max. 13.0mm	24311423-01-XXX	3+11(FM)	Max. 13.0mm	24311433-01-XXX

Specifications

Number of Contacts	2	3	3	9	18	3+9	3+11
Wire Gauge	12AWG		8AWG	18AWG	22AWG	12AWG+24AWG	
Cable Range	4.5mm - 13.0mm						
Environmental Protection	IP67						
Mechanical Life	500 mating cycles						
Operating Temperature	- 40℃ - 80℃						
Voltage Rating	300V	300V	300V	125V	125V	300V	300V
Rated Current (40℃)	20A	20A	50A	5A	5A	20A+5A	20A+5A

LARGE SERIES

CHOGORI USA

Large Series Specifications

Large Series, Metal System Push Lock Type

Description

Field Installable, 180°
Male connector with female pin

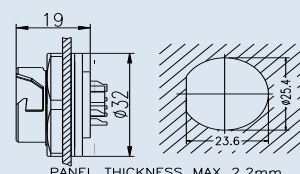
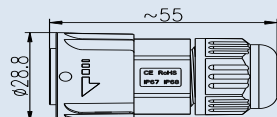
Field Installable, 180°
Female connector with male pin

Front Panel Mount
with Male Pin

Figure



Drawing



Part-No.

Contacts	Cable Range(mm)	Part Number	Contacts	Cable Range(mm)	Part Number	Contacts	Part Number
2	4.5 - 6.5	24002231-81	2	4.5 - 6.5	24002331-81	2	24002535-81
	6.5 - 10.5	24002231-82		6.5 - 10.5	24002331-82		
3(20A)	4.5 - 6.5	24003231-81	3(20A)	4.5 - 6.5	24003331-81	3(20A)	24003535-81
	6.5 - 10.5	24003231-82		6.5 - 10.5	24003331-82		
3(50A)	4.5 - 6.5	24003231-83	3(50A)	4.5 - 6.5	24003331-83	3(50A)	24003535-82
	6.5 - 10.5	24003231-84		6.5 - 10.5	24003331-84		
9	4.5 - 6.5	24009231-81	9	4.5 - 6.5	24009331-81	9	24009535-81
	6.5 - 10.5	24009231-82		6.5 - 10.5	24009331-82		
18	4.5 - 6.5	24018231-81	18	4.5 - 6.5	24018331-81	18	24018535-81
	6.5 - 10.5	24018231-82		6.5 - 10.5	24018331-82		
3+9(FM)	4.5 - 6.5	24309231-81	3+9(MF)	4.5 - 6.5	24309331-81	3+9(MF)	24309535-81
	6.5 - 10.5	24309231-82		6.5 - 10.5	24309331-82		
3+11(FM)	4.5 - 6.5	24311231-81	3+11(MF)	4.5 - 6.5	24311331-81	3+11(MF)	24311535-81
	6.5 - 10.5	24311231-82		6.5 - 10.5	24311331-82		

Specifications

Number of Contacts	2	3	3	9	18	3+9	3+11
Wire Gauge	12AWG)		8AWG	18AWG	22AWG	12AWG+24AWG	
Cable Range/Panel Thickness	3.5mm - 6.5mm, 6.5mm - 10.5mm					Max. 2.2mm	
Environmental Protection	IP67						
Mechanical Life	500 mating cycles						
Operating Temperature	- 45°C - 105°C						
Voltage Rating	300V	300V	300V	125V	125V	300V	300V
Rated Current (40°C)	20A	20A	50A	5A	5A	20A+5A	20A+5A

LARGE SERIES

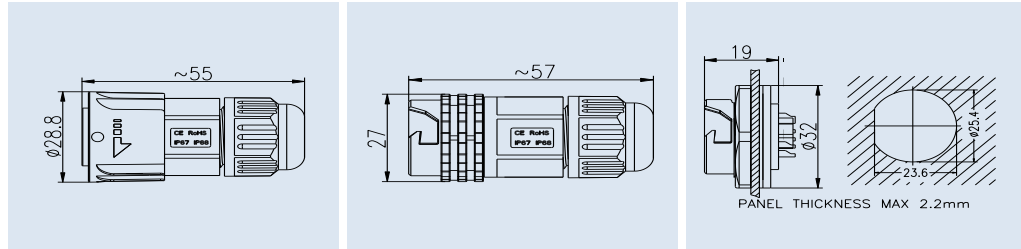
CHOGORI USA

Large Series Specifications

Large Series, Metal System Push Lock Type

Description	Field Installable, 180° Male Connector with Male Pin	Field Installable, 180° Female Connector with Female Pin	Front Panel Mount with Female Pin
Figure			

Drawing



Part-No.

Contacts	Cable Range(mm)	Part Number	Contacts	Cable Range(mm)	Part Number	Contacts	Part Number
2	4.5 - 6.5	24002131-81	2	4.5 - 6.5	24002431-81	2	24002635-81
	6.5 - 10.5	24002131-82		6.5 - 10.5	24002431-82		
3(20A)	4.5 - 6.5	24003131-81	3(20A)	4.5 - 6.5	24003431-81	3(20A)	24003635-81
	6.5 - 10.5	24003131-82		6.5 - 10.5	24003431-82		
3(50A)	4.5 - 6.5	24003131-83	3(50A)	4.5 - 6.5	24003431-83	3(50A)	24003635-82
	6.5 - 10.5	24003131-84		6.5 - 10.5	24003431-84		
9	4.5 - 6.5	24009131-81	9	4.5 - 6.5	24009431-81	9	24009635-81
	6.5 - 10.5	24009131-82		6.5 - 10.5	24009431-82		
18	4.5 - 6.5	24018131-81	18	4.5 - 6.5	24018431-81	18	24018635-81
	6.5 - 10.5	24018131-82		6.5 - 10.5	24018431-82		
3+9(MF)	4.5 - 6.5	24309131-81	3+9(FM)	4.5 - 6.5	24309431-81	3+9(FM)	24309635-81
	6.5 - 10.5	24309131-82		6.5 - 10.5	24309431-82		
3+11(MF)	4.5 - 6.5	24311131-81	3+11(FM)	4.5 - 6.5	24311431-81	3+11(FM)	24311635-81
	6.5 - 10.5	24311131-82		6.5 - 10.5	24311431-82		

Specifications

Number of Contacts	2	3	3	9	18	3+9	3+11
Wire Gauge	12AWG)		8AWG	18AWG	22AWG	12AWG+24AWG	
Cable Range/Panel Thickness	3.5mm - 6.5mm, 6.5mm - 10.5mm					Max. 2.2mm	
Environmental Protection	IP67						
Mechanical Life	500 mating cycles						
Operating Temperature	- 45℃ - 105℃						
Voltage Rating	300V	300V	300V	125V	125V	300V	300V
Rated Current (40℃)	20A	20A	50A	5A	5A	20A+5A	20A+5A

CHOGORI®

Waterproof Connectors

I/O SERIES

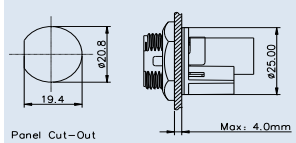
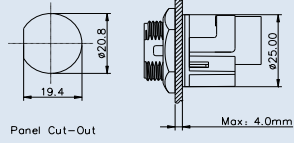
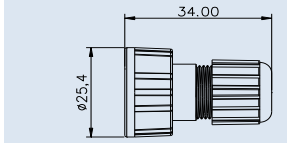


RJ45 SERIES

CHOGORI USA

RJ45 Series Specifications

Description	Panel Front Mount, 180° Screw Type, Jack	Panel Front Mount, 90° Screw Type, Jack	RJ45 Plug Screw Type, Field Installable
Figure			

Drawing			
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Part Number	Contacts	Part Number	Contacts	Part Number	Contacts	Part Number
	8	33000000-01	8	33000000-02	0	33000000-03

Specifications			
Number of Contacts	8		0
Wire Gauge	24AWG		
Panel Thickness	Max. 4.0mm	Max. 4.0mm	Cable Range: 4.0mm - 7.0mm
Environmental Protection	IP67	IP67	
Mechanical Life	500 mating cycles		
Operating Temperature	- 40°C - 85°C		

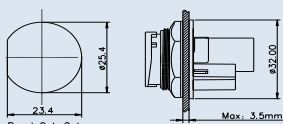
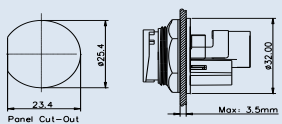
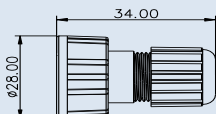
RJ45 SERIES

CHOGORI USA

RJ45 Series Specifications

RJ45 Series, Panel Front Mount

Description	Panel Front Mount, 180° Lock Bayonet Type, Jack	Panel Front Mount, 90° Lock Bayonet Type, Jack	Lock Bayonet Type, Field Installable
Figure			

Drawing			
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Part Number	Contacts	Part Number	Contacts	Part Number	Contacts	Part Number
	8	33000000-04	8	33000000-05	0	33000000-06

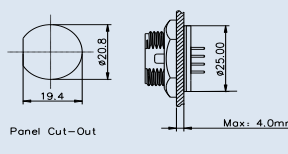
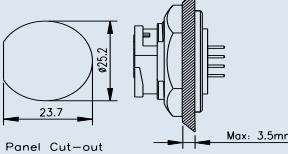
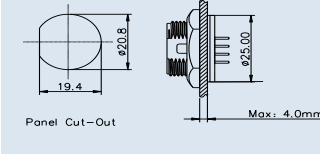
Specifications			
Number of Contacts	8		0
Wire Gauge	24AWG		
Panel Thickness	Max. 4.0mm	Max. 4.0mm	Cable Range: 4.0mm - 7.0mm
Environmental Protection	IP67	IP67	
Mechanical Life	500 mating cycles		
Operating Temperature	- 40℃ - 85℃		

RJ45 SERIES

CHOGORI USA

RJ45 Series Specifications

RJ45 Series, Panel Front Mount

Description	Panel Front Mount, Screw Type, PCB	Panel Front Mount, Lock Bayonet Type, PCB	Panel Front Mount, Screw(Metal) Type, PCB												
Figure															
Drawing															
Part Number	<table><tr><th>Contacts</th><th>Part Number</th></tr><tr><td>8</td><td>33000000-07</td></tr></table>	Contacts	Part Number	8	33000000-07	<table><tr><th>Contacts</th><th>Part Number</th></tr><tr><td>8</td><td>33000000-08</td></tr></table>	Contacts	Part Number	8	33000000-08	<table><tr><th>Contacts</th><th>Part Number</th></tr><tr><td>0</td><td>33000000-09</td></tr></table>	Contacts	Part Number	0	33000000-09
Contacts	Part Number														
8	33000000-07														
Contacts	Part Number														
8	33000000-08														
Contacts	Part Number														
0	33000000-09														

Specifications

Number of Contacts	8		0
Wire Gauge	24AWG		
Panel Thickness	Max. 4.0mm	Max. 4.0mm	Max. 4.0mm
Environmental Protection	IP67	IP67	IP67
Mechanical Life	500 mating cycles		
Operating Temperature	- 40°C - 85°C		

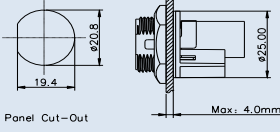
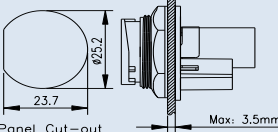
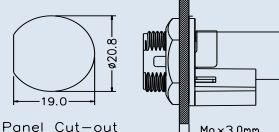
RJ45 SERIES

CHOGORI USA

RJ45 Series Specifications

RJ45 Series, Panel Front Mount

Description	Panel Front Mount, 180° Screw Type, Jack	Panel Front Mount, 180° Lock Bayonet Type, Jack	Panel Front Mount, 180° Screw(Metal) Type, Jack
Figure			

Drawing			
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Part Number	Contacts	Part Number	Contacts	Part Number	Contacts	Part Number
	8	33000000-10	8	33000000-11	0	33000000-12

Specifications

Number of Contacts	8		0
Wire Gauge	24AWG		
Panel Thickness	Max. 4.0mm	Max. 4.0mm	Max. 4.0mm
Environmental Protection	IP67	IP67	IP67
Mechanical Life	500 mating cycles		
OperatingTemperature	- 40℃ - 85℃		

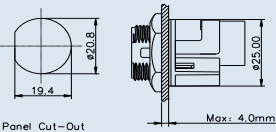
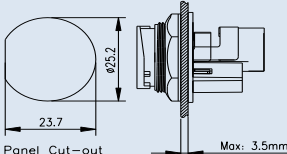
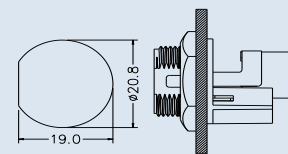
RJ45 SERIES

CHOGORI USA

RJ45 Series Specifications

RJ45 Series, Panel Front Mount

Description	Panel Front Mount,90° Screw Type, Jack	Panel Front Mount,90° Lock Bayonet Type, Jack	Panel Front Mount,90° Screw(Metal) Type, Jack
Figure			

Drawing			
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Part Number	Contacts	Part Number	Contacts	Part Number	Contacts
	8	33000000-13	8	33000000-14	0
					33000000-15

Specifications			
Number of Contacts	8		0
Wire Gauge	24AWG		
Panel Thickness	Max. 4.0mm	Max. 4.0mm	Max. 4.0mm
Environmental Protection	IP67	IP67	IP67
Mechanical Life	500 mating cycles		
Operating Temperature	- 40℃ - 85℃		

USB SERIES

CHOGORI USA

USB Series Specifications

USB Series, Male Connector

Description

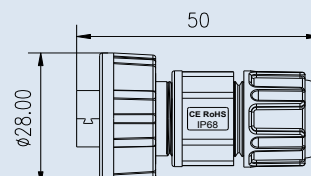
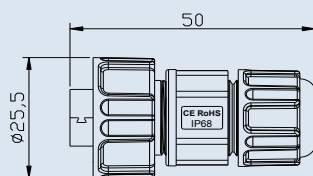
Field Installable, 180°
Screw Type, Solder

Field Installable, 180°
Lock Bayonet Type, Solder

Figure



Drawing



Part Number

Contacts	Cable Range(mm)	Part Number	Contacts	Cable Range(mm)	Part Number
4	3.5 - 6.8	34000000-01	4	3.5 - 6.8	34000000-02

Specifications

Number of Contacts	4
Wire Gauge	24AWG
Cable Range	3.5mm - 6.8mm
Environmental Protection	IP68
Mechanical Life	1500 mating cycles
Operating Temperature	- 45°C - +85°C
Breakdown Voltage	≥ AC 500V / 1Minute
Speed	480 Mbps
Contact Resistance	≤ 30mΩ Max
Insulation Resistance	≥ 1000MΩ Min
Rated Current (40°C)	1.5 A

USB SERIES

CHOGORI USA

USB Series Specifications

USB Series, Panel Mount

Description

Figure

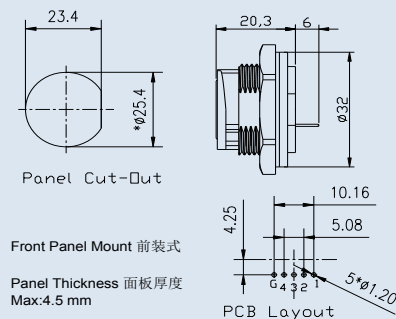
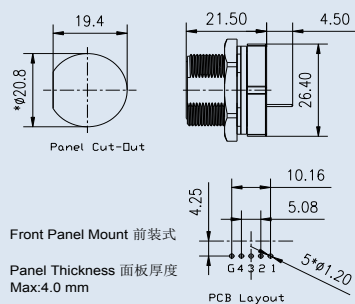
Panel Front Mount,
Screw Type, PCB



Panel Front Mount,
Push Lock Type, PCB



Drawing



Part Number

Contacts	Part Number	Contacts	Part Number
4	34000000-03	4	34000000-04

Specifications

Number of Contacts	4	
Environmental Protection	IP68	IP67
Mechanical Life	1500 mating cycles	
Operating Temperature	- 45°C - 85°C	
Breakdown Voltage	≥ AC 500V / 1Minute	
Speed	480 Mbps	
Contact Resistance	≤ 30mΩ Max	
Insulation Resistance	≥ 1000MΩ Min	

USB SERIES

CHOGORI USA

USB Series Specifications

USB Series, Panel Mount

Description

Figure

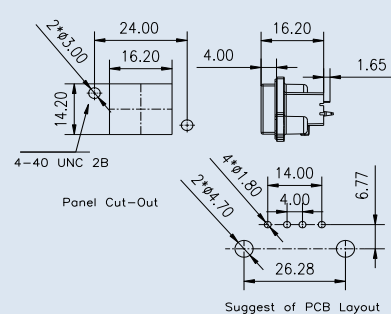
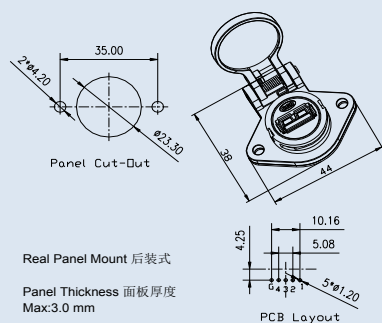
Panel Mount,
Lock Type, PCB



Panel Mount,
Kirsite, PCB



Drawing



Part Number

Contacts	Part Number	Contacts	Part Number
4	34000000-05	4	34000000-06

Specifications

Number of Contacts	4	
Environmental Protection	IP67	IP67
Mechanical Life	1500 mating cycles	
Operating Temperature	- 45°C - 85°C	
Breakdown Voltage	≥ AC 500V / 1Minute	
Speed	480 Mbps	
Contact Resistance	≤ 30mΩ Max	
Insulation Resistance	≥ 1000MΩ Min	
Rated Current (40°C)	1.5 A	

D-SUB SERIES

CHOGORI USA

D-sub Series Specifications

D-sub Series

Description

Field Installable, 180°
Male Connector with Female Pin

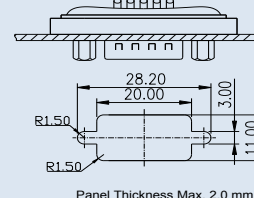
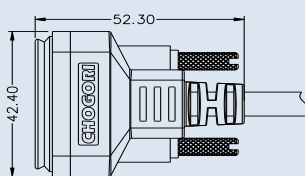
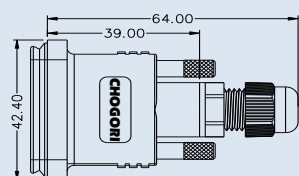
Molded with Cable, 180°
Male Connector with Female Pin

Front Panel Mount
with Male Pin

Figure



Drawing



Part-No.

Contacts	Cable Range(mm)	Part Number	Contacts	Cable Range(mm)	Part Number	Contacts	Part Number
9(5A)	4.5 - 6.5	31009111-01	9(5A)	4.5 - 8.0	31009113-01-XXX	9(5A)	31009616-01
15(2A)	4.5 - 6.5	31015111-01	15(2A)	4.5 - 8.0	31015113-01-XXX	15(2A)	31015616-01

Specifications

Number of Contacts	9		15		
Wire Gauge	22AWG		24AWG		
Cable Range/Panel Thickness	4.5mm - 6.5mm	4.5mm - 8.0mm		Max. 2.0mm	
Environmental Protection	IP67				
Mechanical Life	500 mating cycles				
Operating Temperature	- 45°C - 105°C				
Voltage Rating	90V		90V		
Rated Current (40°C)	5A		2A		

D-SUB SERIES

CHOGORI USA

D-sub Series Specifications

D-sub Series

Description

Field Installable, 180°
Male Connector with Male Pin

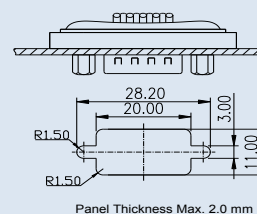
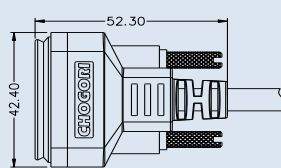
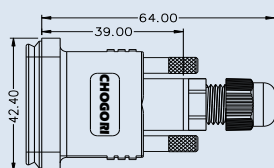
Molded with Cable, 180°
Male Connector with Male Pin

Front Panel Mount
with Female Pin

Figure



Drawing



Part-No.	Contacts	Cable Range(mm)	Part Number	Contacts	Cable Range(mm)	Part Number	Contacts	Part Number
	9(5A)	4.5-6.5	31009211-01	9(5A)	4.5-8.0	31009213-01-XXX	9(5A)	31009516-01
	15(2A)	4.5-6.5	31015211-01	15(2A)	4.5-8.0	31015213-01-XXX	15(2A)	31015516-01

Specifications

Number of Contacts	9		15	
Wire Gauge	22AWG		24AWG	
Cable Range/Panel Thickness	4.5mm - 6.5mm	4.5mm - 8.0mm	Max. 2.0mm	
Environmental Protection	IP67			
Mechanical Life	500 mating cycles			
Operating Temperature	- 45°C - 105°C			
Voltage Rating	90V		90V	
Rated Current (40°C)	5A		2A	

T ADAPTER SERIES

CHOGORI USA

T Adaptor Series Specifications

Mini Series

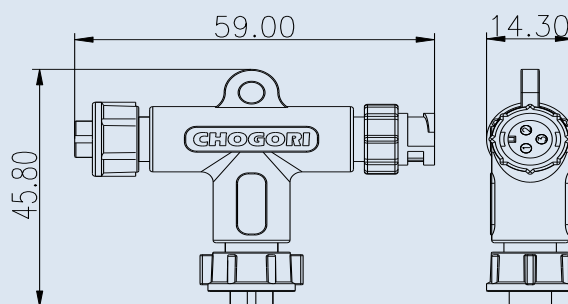
Description

Lock Type/Screw Type T Adaptor

Figure



Drawing



Part-No.

Part Number

42000000-01

Specifications

Wire Gauge

20AWG

Environmental Protection

IP67

Mechanical Life

500 mating cycles

Operating Temperature

- 45°C - 105°C

T ADAPTER SERIES

CHOGORI USA

T Adaptor Series Specifications

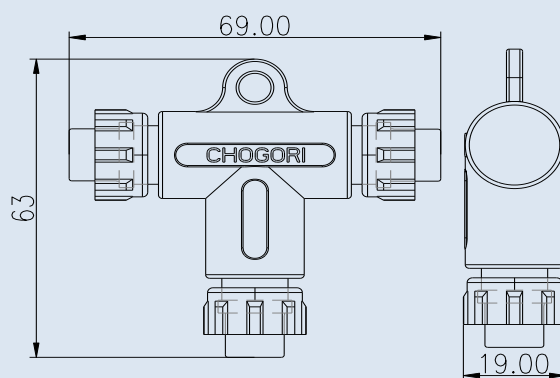
Standard Series

Description Lock Type/Screw Type T Adaptor

Figure



Drawing



Part-No.

Part Number

42000000-02

Specifications

Wire Gauge	18AWG
Environmental Protection	IP67
Mechanical Life	500 mating cycles
Operating Temperature	- 45°C - 105°C

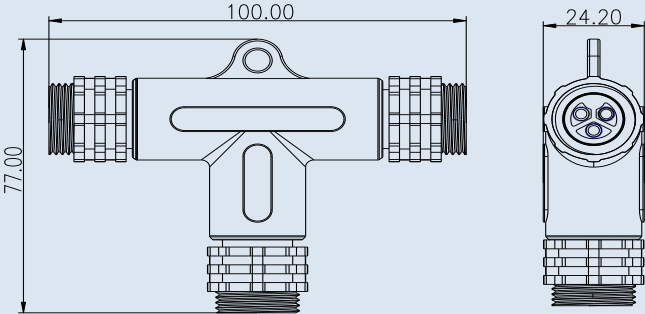
T ADAPTER SERIES

CHOGORI USA

T Adaptor Series Specifications

Middle Series

Description	Lock Type/Screw Type T Adaptor
Figure	

Drawing	
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Part-No.	Part Number
	42000000-03

Specifications	
Wire Gauge	16AWG
Environmental Protection	IP67
Mechanical Life	500 mating cycles
Operating Temperature	- 45℃ - 105℃

SPLITTER SERIES

CHOGORI USA

Series Specifications

Splitter Series

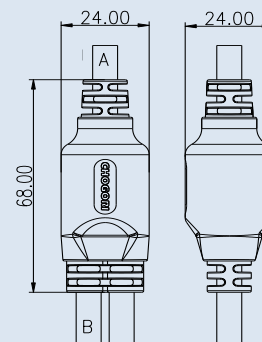
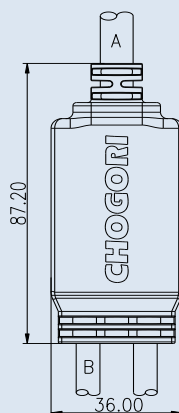
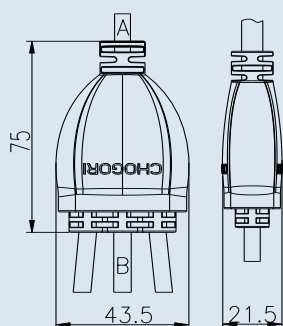
Description

Molded with Cable

Figure



Drawing



Part-No.

Part Number

43000000-01

Part Number

43000000-02

Part Number

43000000-03

Specifications

Wire Gauge	18AWG	18AWG	16AWG
Cable A Range	4.5mm - 9.0mm	6.0mm - 13.0mm	4.5mm - 8.0mm
Cable B Range	4.5mm - 8.0mm	4.5mm - 7.5mm	4.5mm - 8.0mm
Environmental Protection	IP65		
Operating Temperature	- 45°C - 105°C		

HDMI SERIES

CHOGORI USA

HDMI Series Specifications

HDMI Series , Male Connector & Male Pin

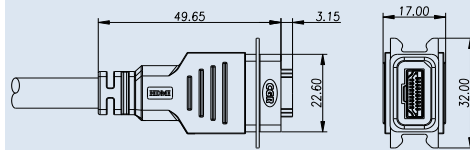
Description

Field Installable, 180°
Lock Type, Solder

Figure

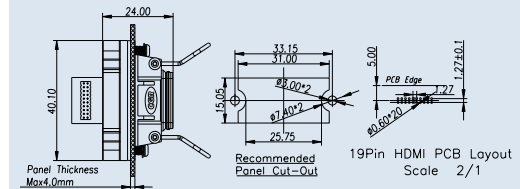


Drawing



HDMI Series , Front Panel Mount & Female Pin

Front Panel
Lock Type, Solder



Part-No.

Contacts	Part-Number	Contacts	Part-Number
19	32000000-01	19	32000000-02

Specifications

Number of Contacts	19
Wire Gauge	26AWG - 32AWG
Cable Range	5.5mm - 9.5mm
Environmental Protection	IP67
Mechanical Life	10000 mating cycles
Operating Temperature	- 40°C - 85°C
Contact Resistance	30mΩ
Voltage Rating	40V
Rated Current(40°C)	0.5A