

SP21 Series Circular Connector, Socket, 3 Position, Solder Terminal, 30A, 500V

**RoHS
Compliant**

Stock No.: 9224503M0806

FEATURES

- 3 Position
- Socket, Female
- Solder
- Front-nut Mount



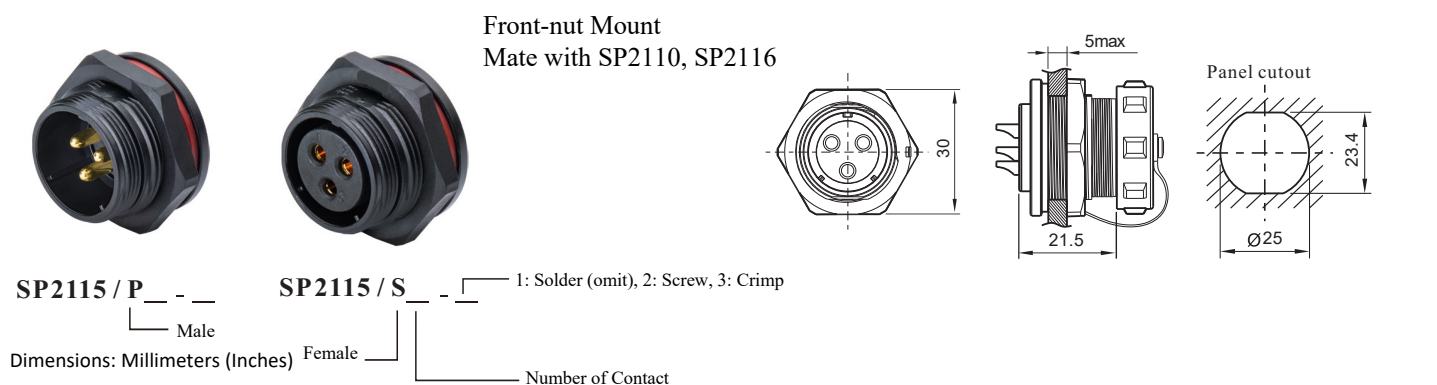
Product Description

Circular connectors offer rugged solutions that have been engineered for reliable performance in a wide variety of harsh environmental applications, including aerospace, broadcast, defense and security, electronics, energy, industrial, instrumentation, medical, and transportation.

General Specifications

Attribute	Value
Coupling	Threaded
Shell Material	PC, Nylon66, fire resistance: V-0
Insert Material	PPS, max temperature 260°C
Contact Material	Gold plated brass
Termination	Solder
Mounting Type	Front-nut Mount
IP Rating	IP68
Mating Cycle	500
Temperature Range	-40°C ~+85°C
Insulation Resistance	2000 MΩ
Rated Current (A)	30
Rated Voltage (AC.V)	500

Product Drawing



Number of contact	2	3	4	5	5B	5C	6	6B	7	8	9	12	15
Female contact face view													
Rated current (A)	30	30	30	30	30 5	15	25 5	30 5	15	10	5	5	5
Contact diameter(mm)	Ø3X2	Ø3X3	Ø3X4	Ø3X5	Ø3X2 Ø1X3	Ø2X5	Ø2.5X4 Ø1X2	Ø3X2 Ø1X4	Ø2X7	Ø1.5X8	Ø1X9	Ø1X12	Ø1X15
Rated voltage (AC.V)	500	500	500	500	500	500	500	500	500	500	400	400	400
Test voltage(AC.V) 1 min	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1200	1200	1200
Contact resistance (mΩ)	1	1	1	1	1 5	2.5	1 5	1 5	2.5	2.5	5	5	5
Termination	solder	solder	solder	solder	solder	solder	solder	solder	solder	solder	solder	solder	solder
Wire size for solder (mm ² /AWG)	≤4/12	≤4/12	≤4/12	≤4/12	≤4/12 ≤0.75/18	≤2/14	≤4/12 ≤0.75/18	≤4/12 ≤0.75/18	≤2/14	≤2/14	≤0.75/18	≤0.75/18	≤0.75/18

Mating Graph



Part Number Table

Part Number	Material code	Description
9224502M0805	SP2115/S2	SP21 Series Circular Connector, Socket, 2 Position, Solder Terminal, 30A, 500V
9224503M0806	SP2115/S3	SP21 Series Circular Connector, Socket, 3 Position, Solder Terminal, 30A, 500V
9224504M0807	SP2115/S4	SP21 Series Circular Connector, Socket, 4 Position, Solder Terminal, 30A, 500V
9224505M0808	SP2115/S5	SP21 Series Circular Connector, Socket, 5 Position, Solder Terminal, 30A, 500V
9224506M0809	SP2115/S5B	SP21 Series Circular Connector, Socket, 5 Position, Solder Terminal, 30/5A, 500V
9224507M0810	SP2115/S5C	SP21 Series Circular Connector, Socket, 5 Position, Solder Terminal, 15A, 500V
9224508M0811	SP2115/S6	SP21 Series Circular Connector, Socket, 6 Position, Solder Terminal, 25/5A, 500V
9224509M0812	SP2115/S6B	SP21 Series Circular Connector, Socket, 6 Position, Solder Terminal, 30/5A, 500V
9224510M0813	SP2115/S7	SP21 Series Circular Connector, Socket, 7 Position, Solder Terminal, 15A, 500V
9224511M0814	SP2115/S8	SP21 Series Circular Connector, Socket, 8 Position, Solder Terminal, 10A, 500V
9224512M0815	SP2115/S9	SP21 Series Circular Connector, Socket, 9 Position, Solder Terminal, 5A, 400V
9224513M0816	SP2115/S12	SP21 Series Circular Connector, Socket, 12 Position, Solder Terminal, 5A, 400V
9224514M0817	SP2115/S15	SP21 Series Circular Connector, Socket, 15 Position, Solder Terminal, 5A, 400V

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