

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

**RoHS  
Compliant**

Stock No.: 9224440M0743

### FEATURES

- 3 Position
- Plug, Male Pin
- Solder
- 2-Hole Flange



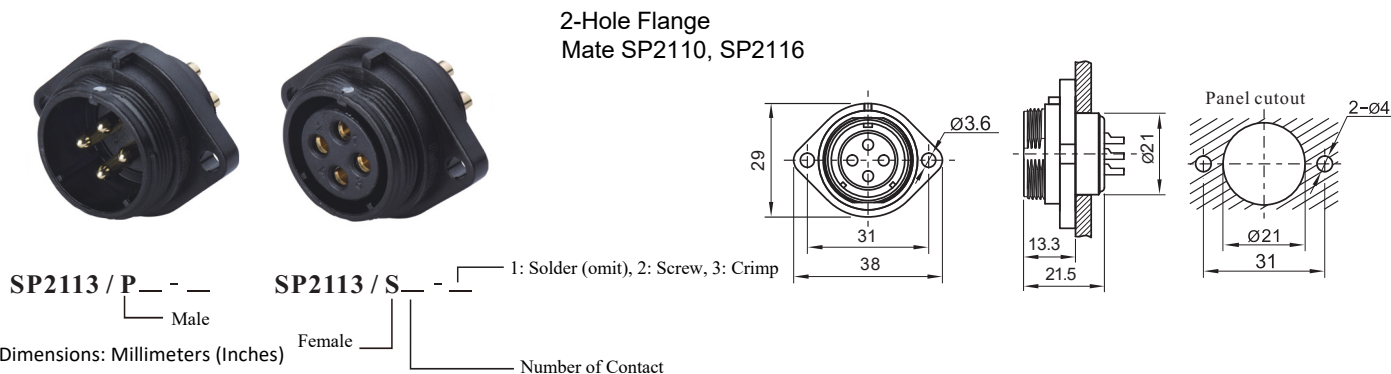
### Product Description

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	2-Hole Flange
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
Male 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 (mm²/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
9224439M0742	SP2113/P2	SP21 Series Circular Connector, Plug, 2 Position, Solder Terminal, 30A, 500V
9224440M0743	SP2113/P3	SP21 Series Circular Connector, Plug, 3 Position, Solder Terminal, 30A, 500V
9224441M0744	SP2113/P4	SP21 Series Circular Connector, Plug, 4 Position, Solder Terminal, 30A, 500V
9224442M0745	SP2113/P5	SP21 Series Circular Connector, Plug, 5 Position, Solder Terminal, 30A, 500V
9224443M0746	SP2113/P5B	SP21 Series Circular Connector, Plug, 5 Position, Solder Terminal, 30/5A, 500V
9224444M0747	SP2113/P5C	SP21 Series Circular Connector, Plug, 5 Position, Solder Terminal, 15A, 500V
9224445M0748	SP2113/P6	SP21 Series Circular Connector, Plug, 6 Position, Solder Terminal, 25/5A, 500V
9224446M0749	SP2113/P6B	SP21 Series Circular Connector, Plug, 6 Position, Solder Terminal, 30/5A, 500V
9224447M0750	SP2113/P7	SP21 Series Circular Connector, Plug, 7 Position, Solder Terminal, 15A, 500V
9224448M0751	SP2113/P8	SP21 Series Circular Connector, Plug, 8 Position, Solder Terminal, 10A, 500V
9224449M0752	SP2113/P9	SP21 Series Circular Connector, Plug, 9 Position, Solder Terminal, 5A, 400V
9224450M0753	SP2113/P12	SP21 Series Circular Connector, Plug, 12 Position, Solder Terminal, 5A, 400V
9224451M0754	SP2113/P15	SP21 Series Circular Connector, Plug, 15 Position, Solder Terminal, 5A, 400V

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