

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

**RoHS
Compliant**

Stock No.: 9224403M0706

FEATURES

- 3 Position
- Socket, Female
- Solder
- Rear-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.

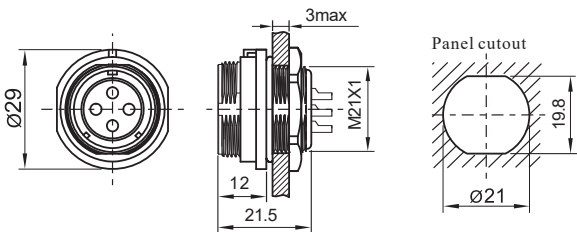
General Specifications

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	Rear-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



Rear-nut Mount
Mate SP2110, SP2116



SP2112 / P - -
Male

SP2112 / S - -
Female

1: Solder (omit), 2: Screw, 3: Crimp

Dimensions: Millimeters (Inches)

Number of Contact

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
9224402M0705	SP2112/S2	SP21 Series Circular Connector, Socket, 2 Position, Solder Terminal, 30A, 500V
9224403M0706	SP2112/S3	SP21 Series Circular Connector, Socket, 3 Position, Solder Terminal, 30A, 500V
9224404M0707	SP2112/S4	SP21 Series Circular Connector, Socket, 4 Position, Solder Terminal, 30A, 500V
9224405M0708	SP2112/S5	SP21 Series Circular Connector, Socket, 5 Position, Solder Terminal, 30A, 500V
9224406M0709	SP2112/S5B	SP21 Series Circular Connector, Socket, 5 Position, Solder Terminal, 30/5A, 500V
9224407M0710	SP2112/S5C	SP21 Series Circular Connector, Socket, 5 Position, Solder Terminal, 15A, 500V
9224408M0711	SP2112/S6	SP21 Series Circular Connector, Socket, 6 Position, Solder Terminal, 25/5A, 500V
9224409M0712	SP2112/S6B	SP21 Series Circular Connector, Socket, 6 Position, Solder Terminal, 30/5A, 500V
9224410M0713	SP2112/S7	SP21 Series Circular Connector, Socket, 7 Position, Solder Terminal, 15A, 500V
9224411M0714	SP2112/S8	SP21 Series Circular Connector, Socket, 8 Position, Solder Terminal, 10A, 500V
9224412M0715	SP2112/S9	SP21 Series Circular Connector, Socket, 9 Position, Solder Terminal, 5A, 400V
9224413M0716	SP2112/S12	SP21 Series Circular Connector, Socket, 12 Position, Solder Terminal, 5A, 400V
9224414M0717	SP2112/S15	SP21 Series Circular Connector, Socket, 15 Position, Solder Terminal, 5A, 400V

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