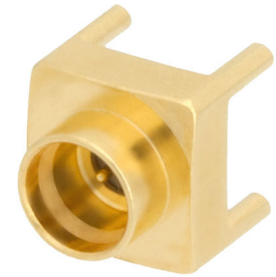


SMP Male Connector Solder Attachment Thru Hole PCB, Up To 8 GHz Smooth Bore



RFPCB-SMP-MS-18G-204

Configuration

- SMP Male Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- Thru Hole Interface Type
- Solder Attachment

Features

- Max. Operating Frequency 18 GHz
- Excellent VSWR of 1.1:1
- Gold Plated Beryllium Copper Contact
- Contact plating according to MIL-DTL-45204
- Blind Mate Connector

Applications

- General Purpose Test
- PCB Applications

Description

RFPCB-SMP-MS-18G-204 SMP Male PCB connector available from L-com has a 50 Ohm impedance. This RF connector has a thru hole connector mount interface and is designed for a wide variety of Printed-Circuit Board (PCB) applications in RF and microwave systems. This SMP Male connector uses solder as an attachment method. Our Male SMP PCB connector provides a maximum frequency of 18 GHz. The SMC connector is available in a 0.27-inch length and 0.23-inch width.

The L-com SMP Male PCB connector has a PEI dielectric type and a VSWR of 1.1:1. This SMP PCB connector has a Beryllium Copper body with gold plating. Our RFPCB-SMP-MS-18G-204 SMP connector has a brass contact with gold plating.

This L-com SMP Male connector will ship the same day as purchased. Our SMP Male connector is part of over 40,000 RF, microwave, and millimeter wave components in stock for worldwide shipment. We also build SMP custom connector cable assemblies that will ship the same day as well.

The SMP Male connector with 50 Ohm impedance has a weight of 0.002 lbs. This Push-on RF connector has a high quality construction. The Male coaxial connector is capable of operating at temperatures ranging from -55 deg C to 155 deg C. We currently have a variety of antenna, audio/video, Ethernet, fiber optic, and USB connectors in our portfolio that are ready to ship today. For further information on similar products, our expert technical support and knowledgeable sales team can help you get the high-quality RF that meets your requirements.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
VSWR			1.1:1	

Mechanical Specifications

Size

Length 0.279in [7.09mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMP Male Connector Solder Attachment Thru Hole PCB, Up To 8 GHz Smooth Bore RFPCB-SMP-MS-18G-204](#)

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RFPCB-SMP-MS-18G-204

Width/Dia.	0.236in	[5.99mm]
Height	0.236in	[5.99mm]
Weight	0.002lbs	[0.91g]
Mating Cycles	500Cycles	

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold MIL-DTL-45204
Insulation	PEI	
Body	Brass	Gold MIL-DTL-45204

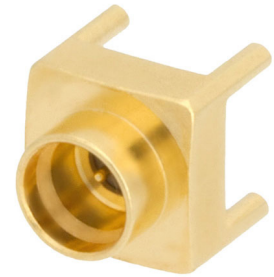
Environmental Specifications

Temperature	
Operating Range	-55deg C to +155deg C
Humidity	MIL-STD-202, Method 106 (except 7b omitted)
Shock	MIL-STD-202, Method 213, Condition I
Vibration	MIL-STD-202, Method 204, Condition D
Salt Spray	MIL-STD-202, Method 101, Condition B

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RFPCB-SMP-MS-18G-204



Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

SMP Male Connector Solder Attachment Thru Hole PCB, Up To 8 GHz Smooth Bore from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components. Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMP Male Connector Solder Attachment Thru Hole PCB, Up To 8 GHz Smooth Bore RFPCB-SMP-MS-18G-204

URL: <https://www.l-com.com/smp-male-connector-solder-attachment-thru-hole-pcb-up-8-ghz-smooth-bore-rfpcb-smp-ms-18g-204-p.aspx>

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to implement improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume liability arising out of the use of any part or document.

SMP Male Connector Solder Attachment Thru Hole PCB, Up To 8 GHz Smooth Bore

L-com CAD Drawing

