

75 Ohm SMC Jack Connector Solder Attachment Thru Hole PCB, .200 inch x .067 inch Hole Spacing

## RFPBCB-SMC-FS-1G-185



### Configuration

- SMC Jack Connector
- 75 Ohms
- Straight Body Geometry
- Thru Hole Interface Type
- Solder Attachment

### Features

- Max. Operating Frequency 1 GHz
- Good VSWR of 1.3:1
- Gold Plated Brass Contact
- 30  $\mu$ m minimum contact plating

### Applications

- General Purpose Test
- PCB Applications

### Description

RFPBCB-SMC-FS-1G-185 SMC jack PCB connector available from L-com has a 75 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 SMC jack connector uses solder as an attachment method. Our jack SMC PCB connector provides a maximum frequency of 10 GHz. The SMC connector is available in a 0.44-inch length and 0.37-inch width.

The L-com SMC jack PCB connector has a PTFE dielectric type and a VSWR of 1.3:1. This SMC PCB connector has a brass body with gold plating. Our RFPBCB-SMC-FS-1G-185 SMC connector has a brass contact with gold plating.

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

The SMC jack connector with 75 Ohm impedance has a weight of 0.009 lbs. This threaded RF connector has a high-quality construction. The jack coaxial connector is capable of operating at temperatures ranging from -65 deg C to 165 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		1,000	MHz
VSWR			1:1	
Operating Voltage (AC)			335	Vrms
Dielectric Withstanding Voltage (AC)			1,000	Vrms

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:  
[75 Ohm SMC Jack Connector Solder Attachment Thru Hole PCB, .200 inch x .067 inch Hole Spacing RFPBCB-SMC-FS-1G-185](#)

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## RFPCB-SMC-FS-1G-185



### Mechanical Specifications

#### Size

Length	0.449in	[11.4mm]
Width/Dia.	0.374in	[9.50mm]
Height	0.374in	[9.5mm]
Weight	0.009lbs	[4.08g]

### Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 $\mu$ in minimum
Insulation	PTFE	
Body	Brass	Gold 3 $\mu$ in minimum

### Environmental Specifications

#### Temperature

Operating Range -65deg C to +165deg C

### Compliance Certifications

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

### Plotted and Other Data

75 Ohm SMC Jack Connector Solder Attachment Thru Hole PCB, .200 inch x .067 inch Hole Spacing 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: 75 Ohm SMC Jack Connector Solder Attachment Thru Hole PCB, .200 inch x .067 inch Hole Spacing RFPCB-SMC-FS-1G-185

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L-com CAD Drawing

