



RF PCB Connector, SMA, Male, Up to 18 GHz, End Launch, Straight, 0.062 inch PCB Thickness

# RFPCB-SMA-MS18G-38

## Configuration

- · SMA Male Connector
- 50 Ohms
- Straight Body Geometry

## Features

Max. Operating Frequency 18 GHz

### Applications

General Purpose Test

### Description

PCB Applications

· Gold Plated Brass Contact

· End Launch Interface Type

Solder Attachment

RFPCB-SMA-MS18G-38 SMA male PCB connector available from L-com has a 50 Ohm impedance. This RF connector has an end launch connector mount interface and is designed for a wide variety of Printed-Circuit Board (PCB) applications in RF and microwave systems. This SMA male connector uses solder as an attachment method. Our SMA male PCB connector provides a minimum frequency of DC and a maximum frequency of 18 GHz. The SMA connector is available in a 0.71-inch length and 0.49-inch width. The L-com SMA male PCB connector has a PTFE dielectric type. This SMA PCB connector has a brass body with gold plating. Our RFPCB-SMA-MS18G-38 SMA connector uses brass contacts and gold plating material. This SMA male PCB radio frequency connector is RoHS and REACH compliant.

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

The SMA male connector with 50 Ohm impedance has a weight of 0.0082 lbs. This RF connector has a high-quality construction. The male 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		18	GHz
Operating Voltage (AC)			1,000	Vrms

#### **Mechanical Specifications**

1

Size	
Length	0.71 in [18.03 mm]
Width	0.49 in [12.45 mm]
Height	0.49 in [12.45 mm]
Weight	0.01 lbs [3.72 g]
Click the following link (or enter part number	in "SEADCH" on website) to obtain additional part information including price, inves

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: RF PCB Connector, SMA, Male, Up to 18 GHz, End Launch, Straight, 0.062 inch PCB Thickness RFPCB-SMA-MS18G-38







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# RFPCB-SMA-MS18G-38

Mating Cycles

#### **Material Specifications**

Material	Plating
Brass	Gold
PTFE	
Brass	Gold
Brass	Gold
Beryllium Copper	
	Brass PTFE Brass Brass

500 Cycles

# **Environmental Specifications**

Temperature Operating Range

-65deg C to +165deg C

Compliance Certifications (see product page for current document)

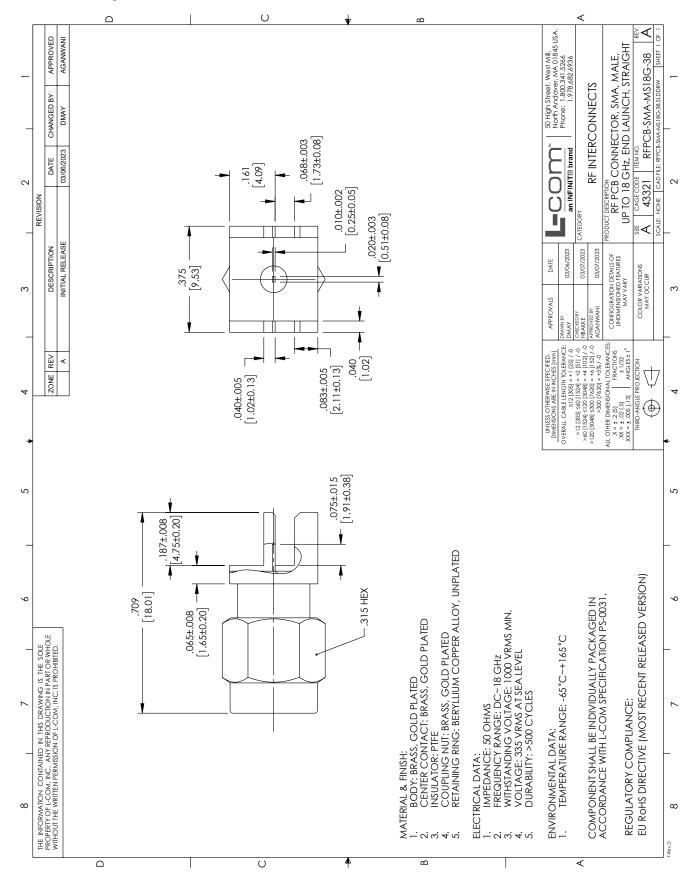
# **Plotted and Other Data**

RF PCB Connector, SMA, Male, Up to 18 GHz, End Launch, Straight, 0.062 inch PCB Thickness 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: RF PCB Connector, SMA, Male, Up to 18 GHz, End Launch, Straight, 0.062 inch PCB Thickness RFPCB-SMA-MS18G-38

URL: https://www.l-com.com/rf-pcb-connector-sma-male-up-18-ghz-end-launch-straight-rfpcb-sma-ms18g-38-p.aspx

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L-com CAD Drawing



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