18 GHz SMA Female Connector Solder Attachment Thru Hole PCB, .201 inch x .059 inch Hole Spacing

LCCN3129

Configuration

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

Description

The L-com LCCN3129 SMA female connector has a brass body for telecommunications, data communication, general-purpose test, industrial fields, and rack and panel mount applications. This RF connector has a straight body style and beryllium copper contact with gold plating. This threaded standard coaxial connector works on a maximum frequency of 18 GHz and provides an excellent maximum VSWR of 1.23.

The 18 GHz SMA connector is available in a 0.530-inch length, 0.250-inch width, and 0.250-inch height. The thru hole PCB connector allows developers to configure and customize their signal connections however they desire. This SMA connector with solder attachment has a high-quality construction and an impedance of 50 ohms.

The LCCN3129 thru hole PCB RF connector has gold body plating. This 18 GHz brass coaxial connector comes with PTFE insulation. The SMA female connector weighs 0.010 pounds and is most used in USB software-defined radio dongles, handheld radios, mobile phone antennas, Wi-Fi antenna systems, and microwave systems.

L-com has the largest in-stock selection of RF and coaxial connectors with same-day shipping for domestic and international orders. 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 connector that meets your requirements.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
VSWR			1.23:1	
Operating Voltage (AC)			500	Vrms

Mechanical Specifications

Size

Length	0.53in	[13.46mm]
Width/Dia.	0.25in	[6.35mm]
Height	0.25in	[6.35mm]
Weight	0.01lbs	[4.54g]

Material Specifications

Description	Material	Plating

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications:
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Contact	Beryllium Copper	Gold 50 µin minimum
Insulation	PTFE	
Body	Brass	Gold 3 µin minimum

Environmental Specifications

Temperature

Operating Range	-65deg C to +165deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

18 GHz SMA Female Connector Solder Attachment Thru Hole PCB, .201 inch x .059 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: 18 GHz SMA Female Connector Solder Attachment Thru Hole PCB, .201 inch x .059 inch Hole Spacing LCCN3129

URL: https://www.l-com.com/18-ghz-sma-female-connector-solder-attachment-thru-hole-pcb-.201-inch-x-.059-inch-hole-spacing-lccn3129-p.aspx

L-com CAD Drawing