

Non-Magnetic SMA Female Solder Attachment Thru Hole PCB, .201 inch x 0.059 inch Hole Spacing

LCCN45967



Configuration

- SMA Female Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- RG174, RG174NM Interface Type
- Solder Attachment
- Non-Magnetic Design

Applications

- Medical
- Quantum Computing
- Military and Aerospace

Description

SMA female PCB connector LCCN45967 from L-com is in stock at our warehouse and ready to ship on the same business day as your order. Our non-magnetic RF connector has an interface type of SMA female, RG316, RG174, LMR-100, and a 50 Ohms impedance. This female SMA PCB connector operates at a maximum frequency of 18 GHz. The SMA female RF interconnect is made of non-magnetic materials that allow RF power to be carried in a magnetic field without creating distortion. L-com's SMA female right-angle connector uses solder as an attachment method.

This non-magnetic coax connector comes with a high signal-to-noise ratio and has a low level of magnetic susceptibility along with no field distortion. The SMA female PCB connector from L-com has a Teflon dielectric type and a VSWR of 1.23:1. The target audience for the SMA coax connector is quantum computing, military and aerospace applications industries as well as medical applications including MRI and patient monitoring devices. Our SMA coax connector has a Beryllium Copper body with nickel plating.

The LCCN45967 SMA connector from L-com uses beryllium copper contact. Our high-quality RF connector features a 3 µin minimum body plating specification. Our SMA male connector has a maximum operating voltage of 500 Vrms. This threaded RF connector can operate at temperatures ranging from -65 to 165 degrees C.

The LCCN45967 connector from L-com uses a dedicated manufacturing process, specific nickel non-magnetic plating, and raw material selection to guarantee a low magnetic susceptibility level. Make your online purchase right now to take advantage of our same business day shipping. We have no MOQ (minimum order quantity) and the connector ships the very same day from our warehouse.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		12.4	GHz
VSWR			1.21:1	
Operating Voltage (AC)			335	Vrms

Mechanical Specifications

Size

Length	0.87 in [22.10 mm]
Width	0.32 in [8.00 mm]
Height	0.32 in [8.00 mm]
Weight	0.01 lbs [5.44 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[Non-Magnetic SMA Female Solder Attachment Thru Hole PCB, .201 inch x 0.059 inch Hole Spacing LCCN45967](#)

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Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold 50 µin minimum
Insulation	Teflon	
Outer Conductor	Beryllium Copper	Gold 3 µin minimum
Body	Beryllium Copper	Gold 3 µin minimum

Environmental Specifications

Temperature

Operating Range -40deg C to +85deg C

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

Plotted and Other Data

Non-Magnetic SMA Female Solder Attachment Thru Hole PCB, .201 inch x 0.059 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: Non-Magnetic SMA Female Solder Attachment Thru Hole PCB, .201 inch x 0.059 inch Hole Spacing LCCN45967

URL: <https://www.l-com.com/non-magnetic-sma-female-solder-attachment-thru-hole-pcb-.201-inch-x-0.059-inch-hole-spacing-lccn45967-p.aspx>

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L-com CAD Drawing

