

18 GHz SMA Female Right Angle Connector Solder Attachment 4 Hole Flange Mount Solder Cup Terminal, .340 inch Hole Spacing

LCCN3132



Configuration

- SMA Female Connector
- 50 Ohms
- Right Angle Body Geometry
- Solder Cup Interface Type
- Solder Attachment
- 4 Hole Flange

Description

The L-com LCCN3132 SMA female connector has a passivated stainless steel body for telecommunications, data communication, general-purpose test, industrial fields, and rack and panel mount applications. This RF connector has a right angle body style and beryllium copper contact with gold over nickel plating. This threaded standard coaxial connector works on a maximum frequency of 18 GHz and provides an excellent maximum VSWR of 1.2.

The 18 GHz SMA connector is available in a 0.710-inch length, 0.500-inch width, and 0.685-inch height. This right angle coaxial connector has 4 hole flange mount with 0.340-inch hole spacing. The solder cup terminal 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 LCCN3132 solder cup terminal RF connector with 4 hole flange mount facilitates RF connectivity between boards and several microwave components including filters, attenuators, mixers, and oscillators. This 18 GHz passivated stainless steel coaxial connector comes with PTFE insulation. The SMA female connector weighs 0.06 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			1.2:1	
Insertion Loss			0.22	dB

Electrical Specification Notes:

Insertion loss: $0.05 \times \sqrt{f(\text{GHz})}$ dB.

Mechanical Specifications

Size

Length	0.71in	[18.03mm]
Width/Dia.	0.5in	[12.70mm]
Height	0.685in	[17.4mm]
Weight	0.06lbs	[27.22g]

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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Mating Cycles

500Cycles

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold over Nickel MIL-G-45204
Insulation	PTFE	
Body	Passivated Stainless Steel	ASTM-A380

Environmental Specifications

Temperature

Operating Range

-55deg C to +100deg C

Vibration

MIL-STD-202, Method 204, Condition D (20 G's)

Salt Spray

MIL-STD-202, Method 101, Condition B, 5% salt solution

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

Plotted and Other Data

18 GHz SMA Female Right Angle Connector Solder Attachment 4 Hole Flange Mount Solder Cup Terminal, .340 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 Right Angle Connector Solder Attachment 4 Hole Flange Mount Solder Cup Terminal, .340 inch Hole Spacing LCCN3132

URL: <https://www.l-com.com/18-ghz-sma-female-right-angle-connector-solder-attachment-4-hole-flange-mount-solder-cup-terminal-.340-inch-hole-spacing-lccn3132-p.aspx>

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L-com CAD Drawing

