18 GHz SMA Female Connector Solder Attachment 2 Hole Flange Mount Stub Terminal, .481 inch Hole Spacing, .050 inch Diameter

LCCN3136

Configuration

- SMA Female Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- Stub Interface Type
- Solder Attachment
- 2 Hole Flange

Description

The L-com LCCN3136 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 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 1.25.

The 18 GHz SMA connector is available in a 1.085-inch length, 0.250-inch width, and 0.625-inch height. This straight coaxial connector has 2 hole flange mount with 0.481-inch hole spacing. The stub 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 LCCN3136 stub terminal RF connector with 2 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 0.032 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			1.25:1	
Operating Voltage (AC)			335	Vrms
Dielectric Withstanding Voltage (AC)			1,000	Vrms
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size

Length	1.085in	[27.56mm]
Width/Dia.	0.25in	[6.35mm]
Height	0.625in	[15.88mm]

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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Weight	0.032lbs	[14.51g]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold MIL-G-45204
Insulation	PTFE	
Body	Passivated Stainless Steel	 QQ-P-35

Environmental Specifications

Compliance Certifications (see product page for current document)

Plotted and Other Data

18 GHz SMA Female Connector Solder Attachment 2 Hole Flange Mount Stub Terminal, .481 inch Hole Spacing, .050 inch Diameter 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 2 Hole Flange Mount Stub Terminal, .481 inch Hole Spacing, .050 inch Diameter LCCN3136

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L-com CAD Drawing