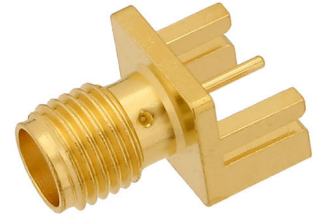


18 GHz SMA Female Connector Solder Attachment  
.031 inch End Launch PCB



**LCCN3158**

**Configuration**

- SMA Female Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- .031 inch End Launch Interface Type
- Solder Attachment

**Description**

The L-com LCCN3158 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 0.562-inch length, 0.375-inch width, and 0.312-inch height. The 0.031 inch end launch 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 LCCN3158 0.031 inch end launch PCB RF connector has gold body plating. This 18 GHz brass coaxial connector comes with PTFE insulation. The SMA female connector weighs 0.013 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
Dielectric Withstanding Voltage (AC)			1,000	Vrms

**Mechanical Specifications**

**Size**

Length	0.562in	[14.27mm]
Width/Dia.	0.375in	[9.53mm]
Height	0.312in	[7.92mm]
Weight	0.013lbs	[5.9g]

**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: <a href="#">18 GHz SMA Female Connector Solder Attachment .031 inch End Launch PCB LCCN3158</a>		

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**LCCN3158**

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 .031 inch End Launch PCB 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 .031 inch End Launch PCB LCCN3158

URL: <https://www.l-com.com/18-ghz-sma-female-connector-solder-attachment-.031-inch-end-launch-pcb-lccn3158-p.aspx>

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to impliment improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume liability arising out of the use of any part or document.

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## L-com CAD Drawing

