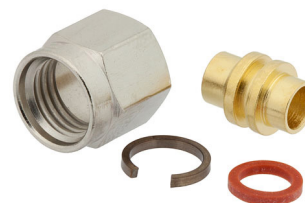


18 GHz SMA Male Connector Solder (Without Contact) Attachment for .141 Semi-Rigid, LC141TB, LC141TBJ, RG402

LCCN3119



Configuration

- SMA Male Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- .141 Semi-rigid, LC141TB, LC141TBJ, .141 Semi-rigid, RG402 Interface Type
- Solder (Without Contact) Attachment
- 5/16 inch Hex

Description

The L-com LCCN3119 SMA male connector has a 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 is available for same-day shipping. This threaded standard coaxial connector works on a maximum frequency of 18 GHz and provides an excellent maximum VSWR of 1.5.

The 18 GHz SMA connector is available in a 0.440-inch length, 0.312-inch width, and 0.312-inch height. The .141 semi-rigid coax connector allows developers to configure and customize their signal connections however they desire. This SMA connector with solder (without contact) attachment has a high-quality construction and an impedance of 50 ohms.

The LCCN3119 .141 semi-rigid coax RF connector has gold body plating.. The SMA male connector weighs 0.023 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

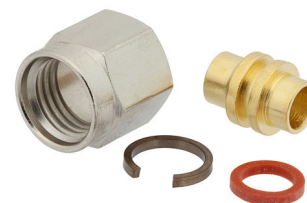
Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
VSWR			1.23:1	
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,000	Vrms
Inner Conductor DC Resistance			2	mOhms
Outer Conductor DC Resistance			2	mOhms
Insulation Resistance	5,000			MOhms
RF Leakage	60			dB

Electrical Specification Notes:

Insertion loss: $0.06 \times \sqrt{f(\text{GHz})}$ dB max up to 6 GHz.

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 Male Connector Solder \(Without Contact\) Attachment for .141 Semi-Rigid, LC141TB, LC141TBJ, RG402 LCCN3119](#)

18 GHz SMA Male Connector Solder (Without Contact) Attachment
for .141 Semi-Rigid, LC141TB, LC141TBJ, RG402



LCCN3119

Mechanical Specifications

Size

Length	0.44in	[11.18mm]
Width/Dia.	0.312in	[7.92mm]
Height	0.312in	[7.92mm]
Weight	0.023lbs	[10.43g]
Mating Cycles	500Cycles	
Mating Torque	3 to 5in-lbs	0.34 to 0.57Nm

Material Specifications

Description	Material	Plating
Body	Stainless Steel	Gold
Coupling Nut	Brass	Nickel

Environmental Specifications

Temperature

Operating Range	-65deg C to +165deg C
Vibration	MIL-STD-202, Method 204, Condition B
Temperature Cycle	MIL-STD-202, Method 107, Condition B
Salt Spray	MIL-STD-202, Method 101, Condition B

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

Plotted and Other Data

18 GHz SMA Male Connector Solder (Without Contact) Attachment for .141 Semi-Rigid, LC141TB, LC141TBJ, RG402 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 Male Connector Solder (Without Contact) Attachment for .141 Semi-Rigid, LC141TB, LC141TBJ, RG402 LCCN3119

URL: <https://www.l-com.com/18-ghz-sma-male-connector-solder-without-contact-attachment-.141-semi-rigid-lc141tb-lc141tbj-rg402-lccn3119-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 implement 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 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 implement improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all

L-com CAD Drawing

-Rev. D