

SMB Plug Connector Crimp/Solder Attachment for  
RG174, RG316, RG188, LMR-100, 0.100 inch



## LCCN45938

### Configuration

- SMB Plug Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- RG174, RG316, RG188, LMR-100, .100 inch Interface Type
- Crimp/Solder Attachment

### Features

- Max. Operating Frequency 3 GHz
- Good VSWR of 1.37:1
- Gold Plated Beryllium Copper Contact
- 30 µin minimum contact plating

### Applications

- General Purpose Test
- Custom Cable Assemblies

### Description

L-com's LCCN45938 , SMB, Standard, Connector is part of our full line of RF components available for same-day shipping. Our SMB plug connector operates up to a maximum frequency of 3 GHz and offers good VSWR of 1.37:1. Our SMB plug connector LCCN45838 datasheet specifications and drawing with dimensions are shown below in this PDF. L-com's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, L-com has the right connector for the job. L-com can also expertly build your custom cable assemblies for you and ship same-day.

### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		3	GHz
VSWR			1.37:1	
Operating Voltage (AC)			335	Vrms

### Mechanical Specifications

#### Size

Length	0.85 in [21.59 mm]
Width	0.26 in [6.50 mm]
Weight	0.01 lbs [5.44 g]

### Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold 30 µin minimum
Insulation	PTFE	
Body	Brass	Nickel 100 µin minimum

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:  
[SMB Plug Connector Crimp/Solder Attachment for RG174, RG316, RG188, LMR-100, 0.100 inch LCCN45938](#)

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Coupling Nut	Brass	Nickel 100 µin minimum
Crimp Sleeve	Brass	Nickel

**Environmental Specifications**

**Temperature**

Operating Range -65deg C to +165deg C

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

**Plotted and Other Data**

SMB Plug Connector Crimp/Solder Attachment for RG174, RG316, RG188, LMR-100, 0.100 inch 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: SMB Plug Connector Crimp/Solder Attachment for RG174, RG316, RG188, LMR-100, 0.100 inch LCCN45938

URL: <https://www.l-com.com/smb-plug-connector-crimp-solder-attachment-rg174-rg316-rg188-lmr-100-0.100-inch-lccn45938-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.ontained 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.

L-com CAD Drawing

