

## 12.4 GHz SMA Female Bulkhead Mount Connector Crimp/Solder Attachment for RG55, RG142, RG223, RG141, .235 inch D Hole

### LCCN3152



#### Configuration

- SMA Female Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- RG55, RG142, RG223, RG141 Interface Type
- Crimp/Solder Attachment
- Bulkhead

#### Description

The L-com LCCN3152 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 12.4 GHz and provides an excellent maximum VSWR of 1.3.

The 12.4 GHz SMA connector is available in a 1.005-inch length, 0.315-inch width, and 0.315-inch height. This straight coaxial connector has bulkhead mount with 0.235 hole spacing. The RG55 coax connector allows developers to configure and customize their signal connections however they desire. This SMA connector with crimp/solder attachment has a high-quality construction and an impedance of 50 ohms.

The LCCN3152 RG55 coax RF connector with bulkhead mount has nickel body plating. This 12.4 GHz brass coaxial connector comes with PTFE insulation. The SMA female connector weighs 0.01 pounds and is most used in USB software-defined radio dongles, hand-held 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		12.4	GHz
VSWR			1.3:1	
Operating Voltage (AC)			500	Vrms

#### Mechanical Specifications

##### Size

Length	1.005in	[25.53mm]
Width/Dia.	0.315in	[8.00mm]
Height	0.315in	[8mm]
Weight	0.01lbs	[4.54g]

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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#### Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold 50 µin minimum
Insulation	PTFE	
Body	Brass	Nickel 100 µin minimum
Crimp Sleeve	Brass	Nickel
Washer	Brass	Nickel

#### Environmental Specifications

##### Temperature

Operating Range

-65deg C to +165deg C

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

#### Plotted and Other Data

12.4 GHz SMA Female Bulkhead Mount Connector Crimp/Solder Attachment for RG55, RG142, RG223, RG141, .235 inch D Hole 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: 12.4 GHz SMA Female Bulkhead Mount Connector Crimp/Solder Attachment for RG55, RG142, RG223, RG141, .235 inch D Hole LCCN3152

URL: <https://www.l-com.com/12.4-ghz-sma-female-bulkhead-mount-connector-crimp-solder-attachment-rg55-rg142-rg223-rg141-.235-inch-d-hole-lccn3152-p.aspx>

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## L-com CAD Drawing

0.1601