

## 12G SDI 1.0/2.3 Female 75 Ohm Connector Solder Attachment Thru Hole PCB

### LCCN3111



#### Configuration

- 1.0/2.3 Female Connector
- 75 Ohms
- Straight Body Geometry
- Thru Hole Interface Type
- Solder Attachment

#### Features

- Meets SMPTE ST 2082-1
- Backwards Compatible with 2081-1
- 12Gb/s Transmission
- Cost Effective
- Designed for High Density Applications

#### Applications

- 12G-SDI, Video, and Broadband UHDTV
- Broadband Internet Delivery
- Broadcast A/V
- 4K/8K Video Equipment
- Medical Equipment Requiring High Speed Video
- HD Cameras

#### Description

L-COM's 12G-SDI 1.0/2.3 connector LCCN3111 utilizes 12Gb/s data transfer rates to enable high resolution uncompressed video signal transmission. These products offer 4K and Ultra-HD quality signals that meet SMPTE ST 2082-1. These 75 Ohm connectors are available in PCB edge-mount, straight, or right angle configurations, as well as coaxial connectors to be used in industry standard cable assemblies.

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		12	GHz

#### Mechanical Specifications

##### Size

Length	0.61in	[15.49mm]
Width/Dia.	0.233in	[5.92mm]
Height	0.21in	[5.33mm]
Weight	0.05lbs	[22.68g]

#### Material Specifications

Description	Material	Plating
Contact	Brass	Gold 10 µin minimum
Insulation	PTFE	

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:  
[12G SDI 1.0/2.3 Female 75 Ohm Connector Solder Attachment Thru Hole PCB LCCN3111](#)

## 12G SDI 1.0/2.3 Female 75 Ohm Connector Solder Attachment Thru Hole PCB

### LCCN3111



Outer Conductor

Brass

Gold

3 µin minimum

### Environmental Specifications

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

### Plotted and Other Data

12G SDI 1.0/2.3 Female 75 Ohm Connector Solder Attachment Thru Hole 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: 12G SDI 1.0/2.3 Female 75 Ohm Connector Solder Attachment Thru Hole PCB LCCN3111

URL: <https://www.l-com.com/12g-sdi-75-ohm-1.0-2.3-female-connector-solder-attachment-lccn3111-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. 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.

L-com CAD Drawing

