

12G SDI 1.0/2.3 Female Right Angle Bulkhead Mount
75 Ohm Connector Solder Attachment Thru Hole PCB



LCCN3112

Configuration

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

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 LCCN3112 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 | 0.76in | [19.3mm] |
| Width/Dia. | 0.276in | [7.01mm] |
| Height | 0.436in | [11.07mm] |
| 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 Right Angle Bulkhead Mount 75 Ohm Connector Solder Attachment Thru Hole PCB LCCN3112](#)

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| | | |
|-----------------|-------|---------------------------|
| Outer Conductor | Brass | Gold 3 µin minimum |
| Body | Brass | Nickel 100 µin minimum |

Environmental Specifications

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

Plotted and Other Data

12G SDI 1.0/2.3 Female Right Angle Bulkhead Mount 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 Right Angle Bulkhead Mount 75 Ohm Connector Solder Attachment Thru Hole PCB LCCN3112

URL: <https://www.l-com.com/12g-sdi-75-ohm-1.0-2.3-female-right-angle-bulkhead-mount-connector-solder-attachment-lccn3112-p.aspx>

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L-com CAD Drawing

