

12G SDI HD-BNC Female Bulkhead Mount 75 Ohm Connector Solder Attachment 0.062" PCB



**LCCN3109**

**Configuration**

- HD-BNC Female Connector
- 75 Ohms
- Straight Body Geometry
- 0.062" Board Thickness Interface Type
- Solder Attachment
- Bulkhead

**Features**

- Meets SMPTE ST 2082-1
- Backwards Compatible with 2081-1
- 12Gb/s Transmission
- Cost Effective
- 4x Panel Density of Standard BNC
- 20% Lighter than Standard BNC

**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 HD-BNC connector LCCN3109 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     | 0.689in | [17.5mm] |
| Width/Dia. | 0.295in | [7.49mm] |
| Height     | 0.222in | [5.64mm] |
| Weight     | 0.05lbs | [22.68g] |

**Material Specifications**

| Description | Material | Plating                |
|-------------|----------|------------------------|
| Contact     | Brass    | Gold<br>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 HD-BNC Female Bulkhead Mount 75 Ohm Connector Solder Attachment 0.062" PCB LCCN3109](#)

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|                 |       |                           |
|-----------------|-------|---------------------------|
| Outer Conductor | Brass | Nickel<br>100 µin minimum |
| Body            | Brass | Nickel<br>100 µin minimum |

**Environmental Specifications**

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

**Plotted and Other Data**

12G SDI HD-BNC Female Bulkhead Mount 75 Ohm Connector Solder Attachment 0.062" 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 HD-BNC Female Bulkhead Mount 75 Ohm Connector Solder Attachment 0.062" PCB LCCN3109

URL: <https://www.l-com.com/12g-sdi-75-ohm-hd-bnc-female-bulkhead-mount-connector-solder-attachment-lccn3109-p.aspx>

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## L-com CAD Drawing

