

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



**LCCN3106**

**Configuration**

- 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

**Applications**

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

**Description**

L-COM's 12G-SDI BNC connector LCCN3106 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 Standard 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     | 1.003in | [25.48mm] |
| Width/Dia. | 0.5in   | [12.70mm] |
| Height     | 0.43in  | [10.92mm] |
| Weight     | 0.05lbs | [22.68g]  |

**Material Specifications**

| Description     | Material | Plating                |
|-----------------|----------|------------------------|
| Contact         | Brass    | Gold<br>10 µin minimum |
| Insulation      | PTFE     |                        |
| Outer Conductor | Brass    | Nickel                 |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:  
[12G SDI BNC Female Bulkhead Mount 75 Ohm Connector Solder Attachment 0.062" PCB LCCN3106](#)

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|        |       |                 |
|--------|-------|-----------------|
|        |       | 100 µin minimum |
| Body   | Brass | Nickel          |
|        |       | 100 µin minimum |
| Washer | Brass | Nickel          |
|        |       | 100 µin minimum |

**Environmental Specifications**

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

**Plotted and Other Data**

12G SDI 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 BNC Female Bulkhead Mount 75 Ohm Connector Solder Attachment 0.062" PCB LCCN3106

URL: <https://www.l-com.com/12g-sdi-75-ohm-bnc-female-bulkhead-mount-connector-solder-attachment-0.062-inch-pcb-lccn3106-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

