

12G SDI 1.0/2.3 Male 75 Ohm Connector Crimp/Solder Attachment for Belden 4694R, Belden 1694A, RG6



## LCCN3097

### Configuration

- 1.0/2.3 Male Connector
- 75 Ohms
- Straight Body Geometry
- Belden 4694R, Belden 1694A, RG6 Interface Type
- Crimp/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 LCCN3097 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	1.07in	[27.18mm]
Width/Dia.	0.325in	[8.26mm]
Height	0.325in	[8.26mm]
Weight	0.05lbs	[22.68g]

### Material Specifications

Description	Material	Plating
Contact	Brass	Gold 10 µin
Insulation	PTFE	

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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Outer Conductor	Brass	Gold 3 μin
Body	Brass	Nickel 100 μin minimum
Crimp Sleeve	Brass	Nickel

**Environmental Specifications**

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

**Plotted and Other Data**

12G SDI 1.0/2.3 Male 75 Ohm Connector Crimp/Solder Attachment for Belden 4694R, Belden 1694A, RG6 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 Male 75 Ohm Connector Crimp/Solder Attachment for Belden 4694R, Belden 1694A, RG6 LCCN3097

URL: <https://www.l-com.com/12g-sdi-75-ohm-1.0-2.3-male-connector-crimp-solder-attachment-belden-4694r-belden-1694a-rg6-lccn3097-p.aspx>

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L-com CAD Drawing

