

## 3GHz Coaxial Connectors

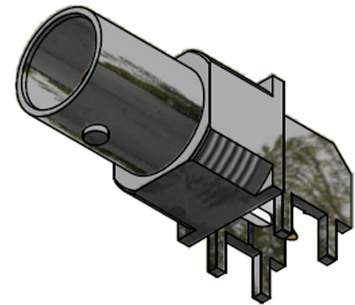
### PCB Surface Mounting BNC Connector with Pathfinder™ Light Pipe

Part Number C-SX-108

#### General Description

This precision 75Ω BNC Connector is a right angle mounted PCB connector for surface mount applications. It also features Pathfinder™ light pipe technology which aids port identification. With a centre line of 4mm above the board, its low profile permits closer packing densities of daughter boards, which allows reduction in the bulk of routing and switching equipment.

The C-SX-108 is a right angle surface mount BNC Connector. Each connector is supplied with nut and washer and other materials such as gold plating are available.

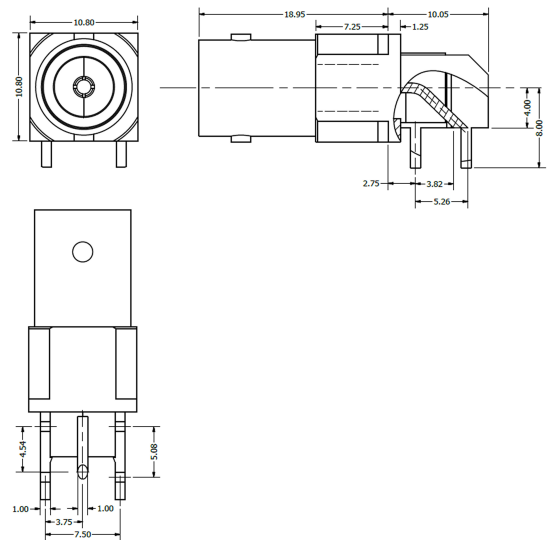


#### Electrical Specification

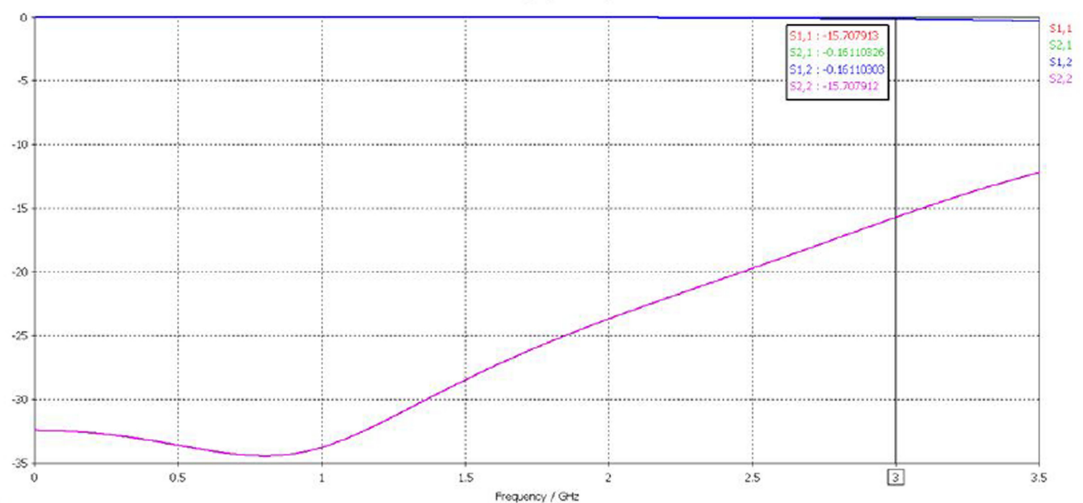
Impedance:	75Ω
Frequency Range:	0-3GHz
Working Voltage:	500Vrms
Dielectric Withstanding Voltage:	1500Vrms
Reflection Factor ( $V_{SWR}$ ):	1.10 <sup>(max)</sup> DC - 1.5GHz 1.39 <sup>(max)</sup> 1.5 - 3GHz
Contact Resistance:	Centre contact 1.5mΩ Outer contact 1.0mΩ
Insulation Resistance:	>5000M Ω
Connector Type:	Female
Materials	
Centre Pin:	Phosphor Bronze/ 10 μ"Au
Metal Parts:	Die Cast Zinc / Ni
Insulators:	UL94 HB TPX
Environmental	
Temp Range:	-65 to +85°C
Mating Cycles	250
Processing	
Maximum hand soldering temperature	265°C

#### Features

- Precision 75Ω BNC Connector
- Designed for HD SDV applications
- Low profile allows higher wiring densities
- Pathfinder™ Light Pipe feature aids port identification



S-Parameter [Magnitude in dB]



3G SDI

CoaxVision™