

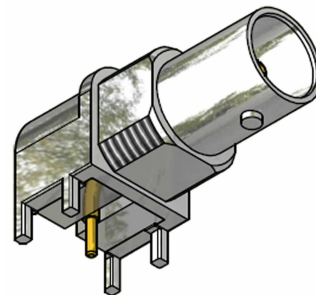
6GHz BNC Coaxial Connectors

Bulkhead BNC Connector for PCI® Express Applications

Part Number C-SX-090

General Description

The C-SX-090 is a bulkhead mounting BNC connector which can be used in PCI® Express applications. It features a pathfinder™ light pipe which aids port identification and status. It also has a built in flange which provides additional EMI shielding and is optimised for 6G HD-SDI environments. The connector is supplied with nut and washer.



Electrical Specification

Impedance:	75Ω
Frequency Range:	0-6GHz
Working Voltage:	500Vrms
Dielectric Withstanding Voltage:	1500Vrms
Reflection Factor ^(VSWR) :	1.16 ^(max) DC - 3GHz 1.49 ^(max) 3 - 6GHz
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

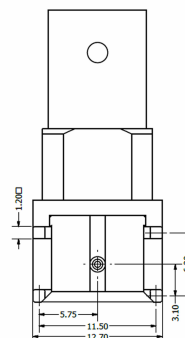
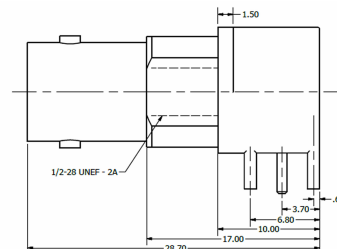
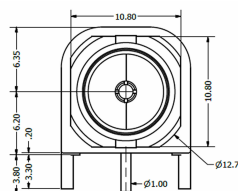
Temp Range:	-65 to +85°C
Mating Cycles:	500
Vibration:	MIL-STD-202 Method 204 Test condition B
Salt Spray:	MIL-STD-202 Method 101 Test Condition B

Processing

Maximum wave and hand soldering temperature 265°C

Features

- Bulkhead mounting for PCI® Express applications
- Incorporates Pathfinder™ Light Pipe Features
- Optimised for 6G HD-SDI Environments
- Built in flange provides EMI shielding



6G SDI
CoaxVision™

