

3GHz Coaxial Connectors

PCB Edge Mounting BNC Connector

Part Number C-SX-077, C-SX-080, C-SX-081, C-SX-082

General Description

This Precision 75Ω BNC Bulkhead is an edge mounting connector, meeting existing industry standard footprints and comes in the following size formats:

C-SX-077 for 1.6mm PCB thickness with dimension A of 1.7mm
 C-SX-080 for 2.4mm PCB thickness with dimension A of 2.5mm
 C-SX-081 for 3.2mm PCB thickness with dimension A of 3.3mm
 C-SX-082 for 3.6mm PCB thickness with dimension A of 3.7mm

All sizes are supplied with standard nut and washer. Other materials such as Gold Plating are available to customer requirements.

Features

- Precision 75Ω BNC Connector
- Designed for HD SDV applications
- PCB edge mounting style minimises signal path discontinuities
- Unique location webs secure connector in place during production
- Low profile feature allows for high wiring densities

3G SDI

CoaxVision™

Electrical Specification

Impedance:	75Ω
Frequency Range:	0-3GHz
Working Voltage:	500Vrms
Dielectric Withstanding Voltage:	1500Vrms
Reflection Factor ^(VSWR) :	1.08 ^(max) DC - 1.5GHz 1.16 ^(max) 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:	Brass / Ni
Insulators:	PTFE
Environmental Temp Range:	-65 to +85°C
Processing	
Maximum hand soldering temperature	265°C

