

3GHz Coaxial Connectors

PCB Edge Mounting BNC Connector with Location Webs

Part Number C-SX-058, C-SX-072, C-SX-073, C-SX-074

General Description

This Precision 75Ω BNC Bulkhead is an edge mounting connector and comes in the following size formats:

- C-SX-058 for 1.6mm PCB thickness with dimension A of 1.7mm
- C-SX-072 for 2.4mm PCB thickness with dimension A of 2.5mm
- C-SX-073 for 3.2mm PCB thickness with dimension A of 3.3mm
- C-SX-074 for 3.6mm PCB thickness with dimension A of 3.7mm

All sizes are supplied with standard nut and washer. Slotted circular nuts available as an optional extra. Other materials such as Gold Plating are available to customer requirements.

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

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

