

3GHz Coaxial Connectors

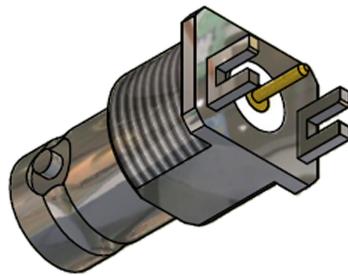
PCB Edge Mounting BNC Connector with Location Webs

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

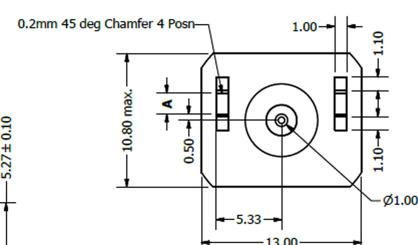
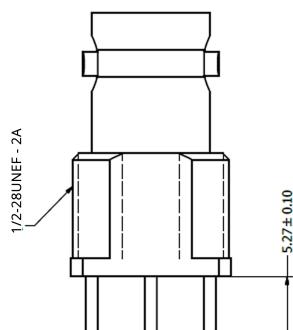
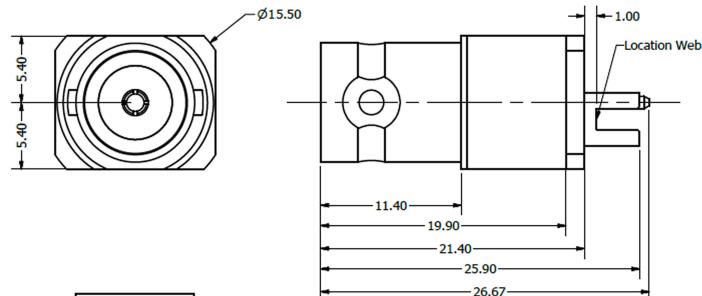
Temp Range: -65 to +85°C

Processing

Maximum hand soldering temperature 265°C

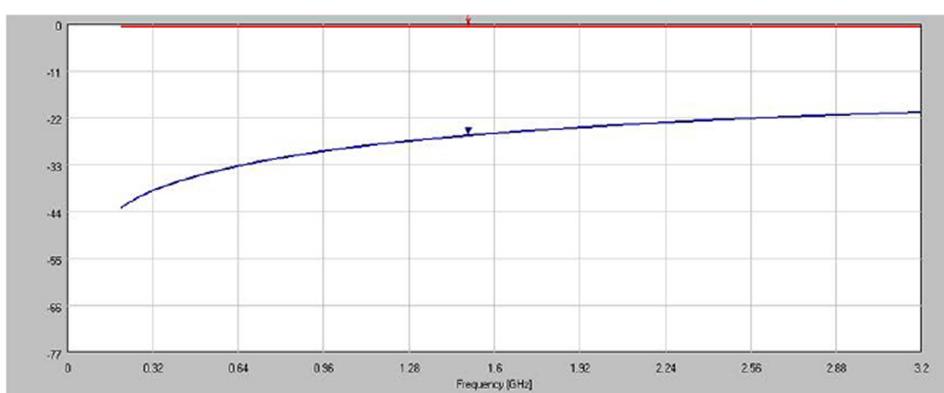
Features

- 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



3G SDI

CoaxVision™



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