## 3GHz Coaxial Connectors PCB Edge Mounting BNC Connector

Part Number C-SX-077G, C-SX-080G, C-SX-081G, C-SX-082G, C-SX-083G, C-SX-084G, C-SX-096G

## **General Description**

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

C-SX-077G for 1.6mm PCB thickness with dimension A of 1.7mm C-SX-080G for 2.4mm PCB thickness with dimension A of 2.5mm C-SX-081G for 3.2mm PCB thickness with dimension A of 3.3mm C-SX-082G for 3.6mm PCB thickness with dimension A of 3.7mm C-SX-083G for 3.0mm PCB thickness with dimension A of 3.1mm C-SX-084G for 2.1mm PCB thickness with dimension A of 2.2mm C-SX-096G for 1.1mm PCB thickness with dimension A of 1.15mm

## **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





All sizes are supplied with standard nut and washer.

**Electrical Specification** 

Impedance:  $75\Omega$ 

Frequency Range: 0-3GHz Working Voltage: 500Vrms

**Dielectric Withstanding** 

Voltage: 1500Vrms

Reflection Factor (VSWR): 1.08(max)DC - 1.5GHz

1.16<sup>(max)</sup>1.5 - 3GHz

Contact Resistance: Centre contact  $1.5m\Omega$ 

Outer contact  $1.0 \text{m}\Omega$ 

Insulation Resistance:  $>5000M \Omega$ Connector Type: Female Materials

Centre Pin: Phosphor Bronze/ 10 µ"Au

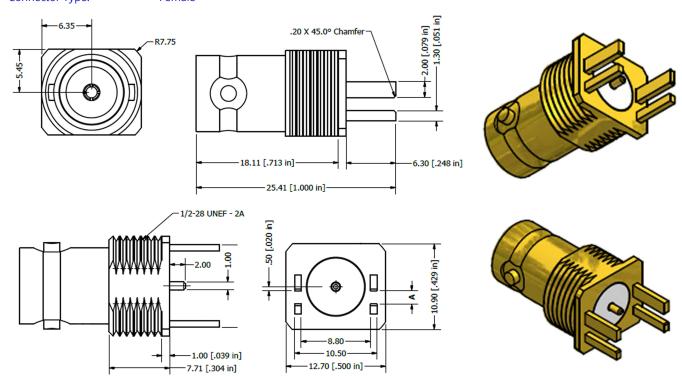
Metal Parts: Brass / Au Insulators: PTFE

Environmental

Temp Range: -65 to +85°C

Processing

Maximum hand soldering temperature 265°C





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