

3GHz Coaxial Connectors

Top Entry PCB Mounting Press Fit Hybrid BNC Connector

Part Number C-SX-061

General Description

The C-SX-061 precision 75Ω BNC Connector is a top entry PCB mounted connector which combines the advantages of press fit or solder applications. This precision BNC Connector can be pressed into the PCB in one operation to secure the outer contacts. A further solder operation then provides the precision 75Ω bond with the centre contact. Other materials such as gold plating are available to customer requirement.

Electrical Specification

Impedance:	75Ω
Frequency Range:	0-3GHz
Working Voltage:	500Vrms
Dielectric Withstanding Voltage:	1500Vrms
Reflection Factor ^(VSWR) :	1.09 ^(max) DC - 1.5GHz 1.18 ^(max) 1.5 - 3GHz
Contact Resistance:	Centre contact 1.5mΩ Outer contact 1.0mΩ
Insulation Resistance:	>5000M Ω
Connector Type:	Female

Materials

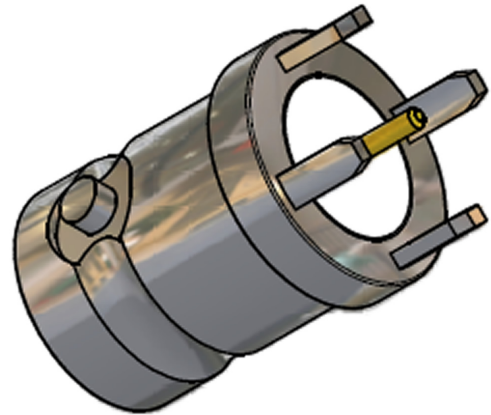
Centre Pin:	Phosphor Bronze/ 10 μ"Au
Metal Parts:	Brass / Ni
Insulators:	Teflon®

Environmental

Temp Range:	-65 to +85°C
Mating Cycles	250

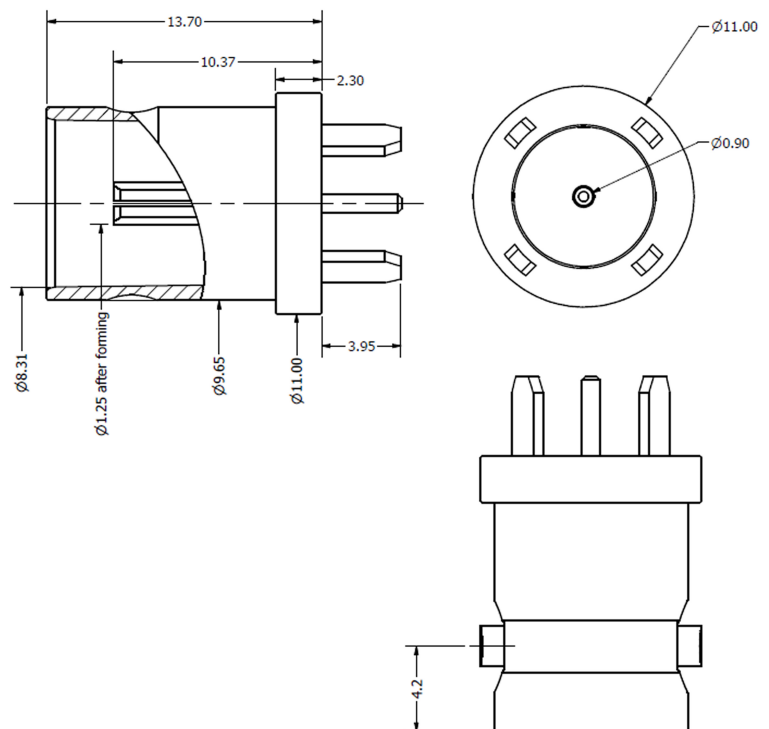
Processing

Maximum wave and hand soldering temperature 265°C



Features

- Precision 75Ω BNC Connector
- Designed for 3G-SDI Applications
- Hybrid design combines advantages of press fit and solder
- Press fit technology offers unequalled manufacturing economy



3G SDI
CoaxVision™