

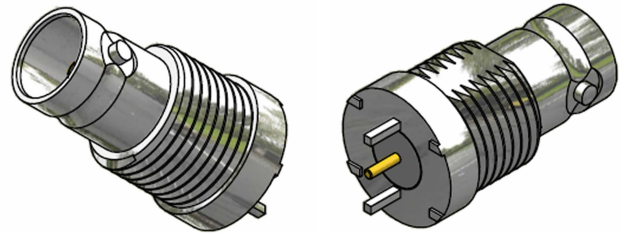
6GHz BNC Coaxial Connectors

Top Entry Bulkhead BNC Connector

Part Number C-SX-170

General Description

The C-SX-170 is a top entry three pin bulkhead mounting BNC connector. This BNC connector is suitable for high speed video applications such as 6G HD- SDI digital broadcast and CoaxPress machine vision. Each connector is supplied with a nut and washer.



Electrical Specification

Impedance:	75Ω
Frequency Range:	0-6.2GHz
Working Voltage:	500Vrms
Dielectric Withstanding Voltage:	1500Vrms
Reflection Factor ^(VSWR) :	1.07 ^(max) DC - 3GHz 1.20 ^(max) 3 - 6GHz
Contact Resistance:	Centre contact 1.5mΩ
Insulation Resistance:	>5000M Ω
Connector Type:	Female

Materials

Centre Pin:	Phosphor Bronze / 30 μ"Au
Metal Parts:	Brass / Ni
Insulators:	PTFE

Environmental

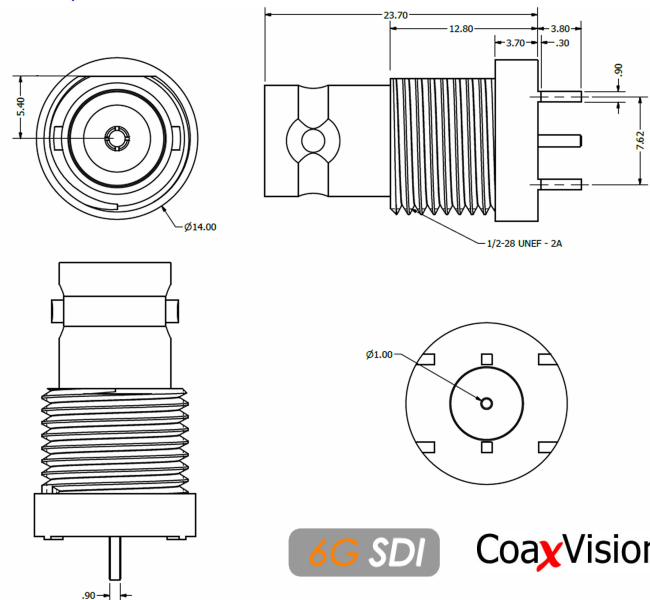
Temp Range:	-65 to +85°C
Mating Cycles:	500

Processing

Maximum wave and hand soldering temperature 265°C

Features

- Precision 6GHz 75Ω BNC Connector
- Three Pin Mounting
- Optimised for 6G HD-SDI



6G SDI

CoaxVision™

