

# 3GHz Coaxial Connectors

## Top Entry PCB Mounting BNC Connector (Square Based)

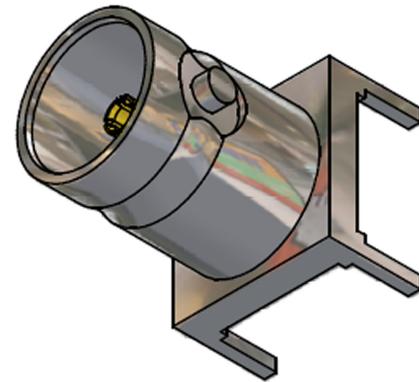
Part Number C-SX-068

### General Description

The C-SX-068 precision 75Ω BNC Connector is a top entry five pin PCB mounted connector, with a square base. Cambridge Connectors precision BNC range are compatible with all other standard BNC connectors, but peak performance is achieved when mated with other connectors in our range. Other materials such as gold plating are available to customer requirement.

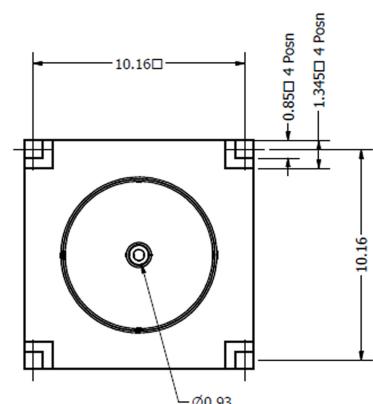
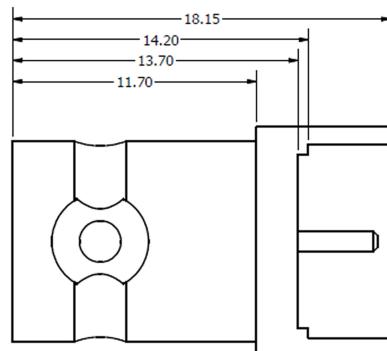
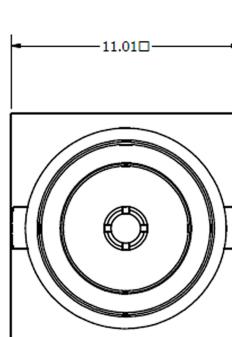
### Electrical Specification

Impedance:	75Ω
Frequency Range:	0-3GHz
Working Voltage:	500Vrms
Dielectric Withstanding	
Voltage:	1500Vrms
Reflection Factor <sup>(VSWR):</sup>	1.08 <sup>(max)</sup> DC - 1.5GHz 1.16 <sup>(max)</sup> 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
Mating Cycles	250
Processing	
Maximum wave and hand soldering temperature	265°C



### Features

- Precision 75Ω BNC Connector
- Designed for 3G-SDI Applications
- Precision 75Ω BNC patch leads also available



**3G SDI**

**CoaxVision™**



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