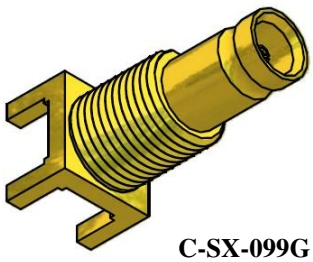
Precision 75 Ohm 1.0/2.3 connectors for 3G SDI Broadcast Applications
Top Entry Bulk Head PCB mounting



C-SX-099G

Features

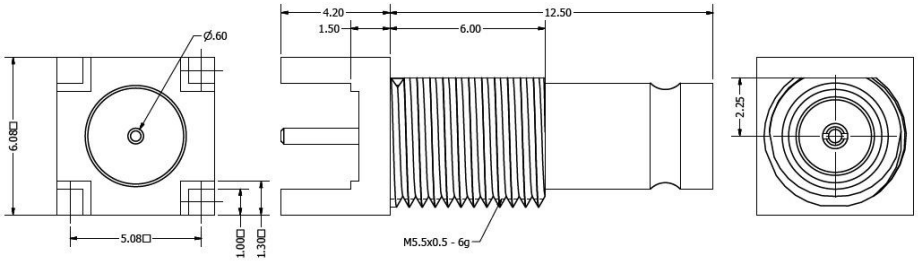
- **For use in SDI, HDI, 3G-SDI digital broadcast applications**
- **8mm pitch can double wiring densities**
- **Latching style provides added connection reliability**

General Description

1.0/2.3 female top entry bulk head precision 75 ohm PCB edge mounting connector.

Applications

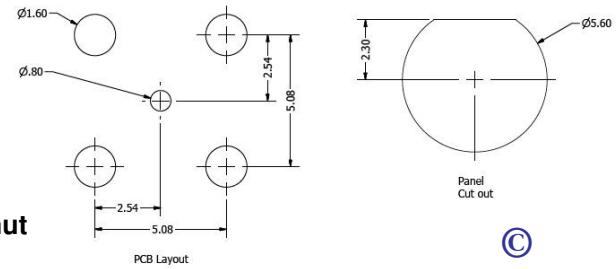
In addition to SDI, HDI and 3G-SDI digital broadcast use, this low profile 1.0/2.3 connector is ideal for industrial process control, data acquisition and high speed communication applications where high wiring densities are crucial.



Specification -

Electrical

Impedance	75 Ohm
Frequency Range	0 - 3.0 GHz
Working Voltage	250Vrms
Dielectric Withstanding Voltage	750Vrms
Reflection Factor (VSWR)	
DC—1.5GHz	1.03 (Max)
1.5—3.0GHZ	1.06 (Max)
Contact Resistance	Centre Contact 4.0 m ohm
Insulation Resistance	> 1000 meg ohm



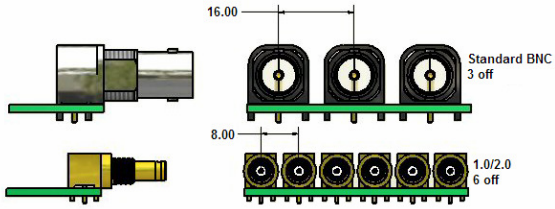
Supplied with nut

Materials

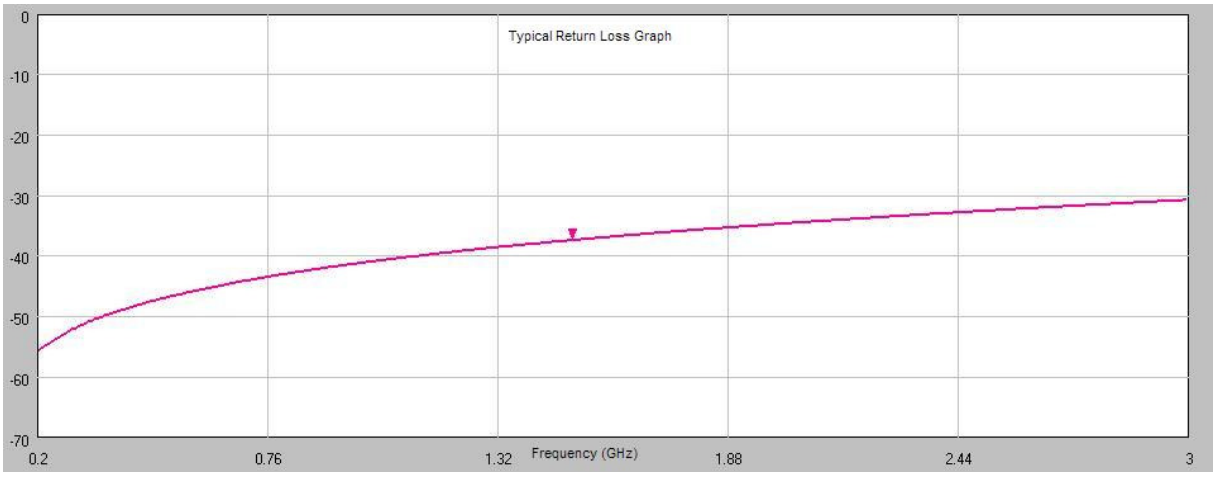
Centre Pin	BeCu / 10u" Au
Body finish	Standard — Brass/Au
Insulators	PTFE

Environmental

Temperature Range	- 65 to +85^0 C
Mating Cycles	500



Comparison between BNC and 1.0/2.3 connectors



Connectors Design Right Protected

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