

3GHz Coaxial Connectors

PCB Top Entry 1.0/2.3 Bulkhead Connector

Part Number C-SX-099G

General Description

The C-SX-099G precision 75Ω 1.0/2.3 Connector is a top entry PCB mounted bulkhead connector. This range of connectors meets the SMPTE 424M standard and is ideal for use in industrial process control and data acquisition applications. The connector is supplied with a nut.

Electrical Specification

Impedance:	75Ω
Frequency Range:	0-3GHz
Working Voltage:	250Vrms
Dielectric Withstanding Voltage:	750Vrms
Reflection Factor ^(VSWR) :	1.13 ^(max) DC - 1.5GHz 1.29 ^(max) 1.5 - 3GHz
Contact Resistance:	Centre contact 4.0mΩ Outer contact 2.5mΩ
Insulation Resistance:	>1000M Ω
Connector Type:	Female
Materials	
Centre Pin:	BeCu / 10 μ" Au
Metal Parts:	Brass / Au
Insulators:	PTFE

Environmental

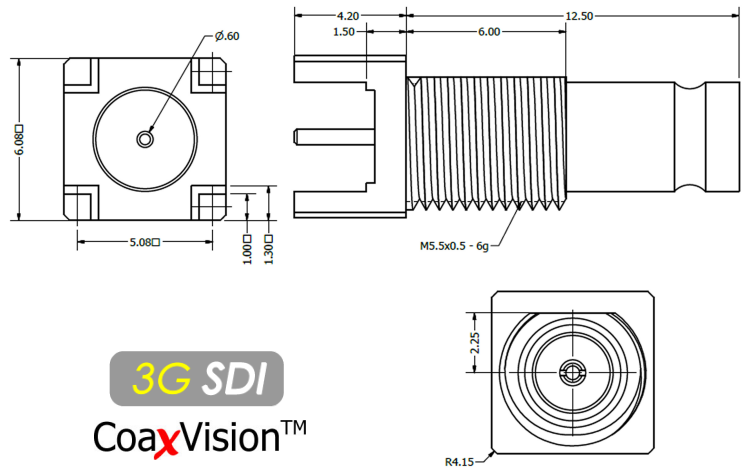
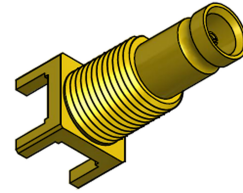
Temp Range:	-65 to +85°C
Mating Cycles	500

Processing

Maximum wave and hand soldering temperature 265°C

Features

- Meets SMPTE 424M Standard
- 8mm pitch enables high wiring densities
- PCB edge mounting style minimises signal path discontinuities.



3G SDI
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