

3GHz DIN 1.0 / 2.3 Coaxial Connectors

PCB Top Entry Connector

Part Number C-SX-097G

General Description

The C-SX-097G precision 75Ω DIN 1.0/2.3 Connector is a top entry PCB mounted connector. This range of connectors meets the SMPTE 424M standard and is ideal for use in industrial process control and data acquisition applications.



Electrical Specification

Impedance:	75Ω
Frequency Range:	0-3GHz
Working Voltage:	250Vrms
Dielectric Withstanding Voltage:	750Vrms
Reflection Factor ^(VSWR) :	1.14 ^(max) DC - 1.5GHz 1.30 ^(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.

