

12GHz SMA Coaxial Connectors

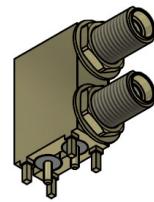
Dual Port Right Angle PCB Bulkhead Mounted Connector

Part Number C-SX-241

Issue 1.0

General Description

The C-SX-241 is a dual port right angle PCB bulkhead mounted SMA connector which operates up to frequencies of 12GHz over a single channel. The connector has a dual through hole contacts and a 3.3mm leg length. The connector is supplied with nuts and washers.



Electrical Specification

Impedance:	50Ω
Frequency Range:	0-12GHz
Working Voltage:	500Vrms
Dielectric Withstanding Voltage:	1000Vrms
Reflection Factor (VSWR):	1.19(max)0 - 12GHz
Contact Resistance:	Centre contact 3.0mΩ Outer contact 2.0mΩ
Insulation Resistance:	>5000M Ω
Connector Type:	Female

Materials

Centre Pin:	BeCu / 10 μ" Au
Metal Parts:	Brass / 5 μ" Au
Insulators:	PTFE

Environmental

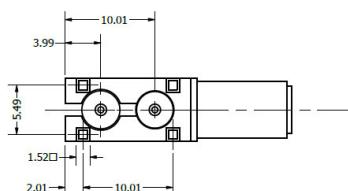
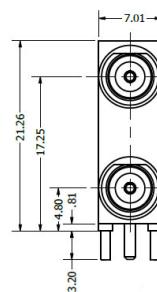
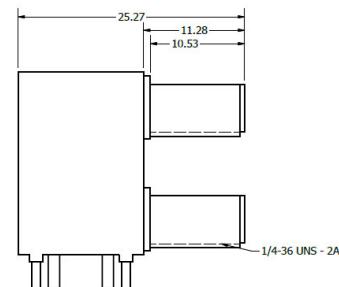
Temp Range:	-65 to +85°C
Mating Cycles	500

Processing

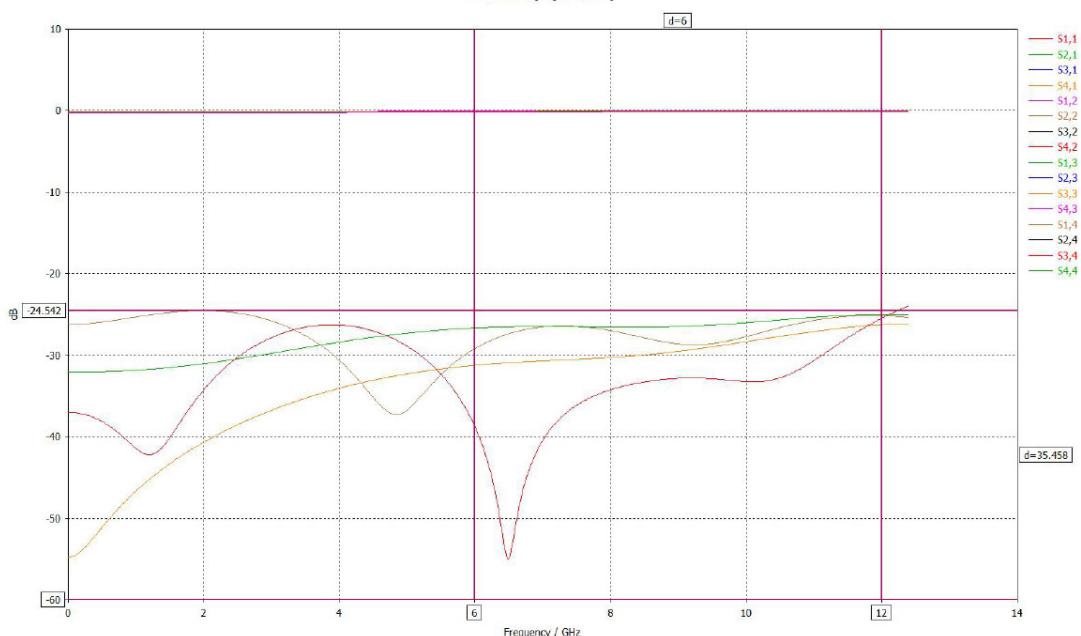
Suitable for hand or wave soldering up to 245°C

Features

- Meets interface standards as per MIL-STD-348
- Dual port design offers greater wiring densities
- For PCB thicknesses up to 2.2mm



S-Parameters [Magnitude in dB]



Drawing Issue 1.3



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