

General Description

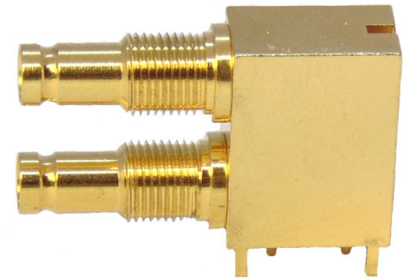
The XGS-06-RB24-GGD precision 75Ω 1.0/2.3 dual port right angle PCB mounted connector is designed for Multi Layer PCB applications which require a shorter leg length of 2.4mm. The connectors offers the full DIN 1.0/2.3 frequency of 6GHz.

This connector was formerly sold as:
 C-SX-137G when supplied with ANG-C2-BBN-2.35
 C-SX-171G as a connector only part



Electrical

| | | |
|---------------------------------|--|---------|
| Impedance | 75Ω | |
| Frequency Range | 0-6GHz | |
| Working Voltage | 250Vrms | |
| Reflection Factor (VSWR) | 1.14 (max) 0-3GHz 1.31 (max) 3-6GHz | |
| Dielectric Withstanding Voltage | 750Vrms | |
| Insulation Resistance | ≥1000MΩ | |
| Contact Resistance | Centre Contact | ≤ 4.0mΩ |
| | Outer Contact | ≤ 2.5mΩ |

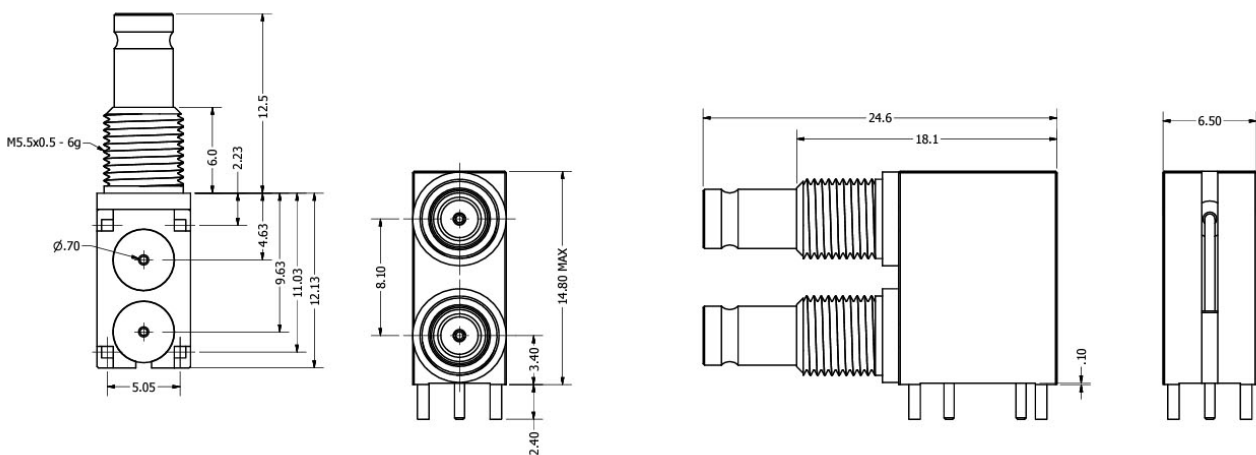


Materials

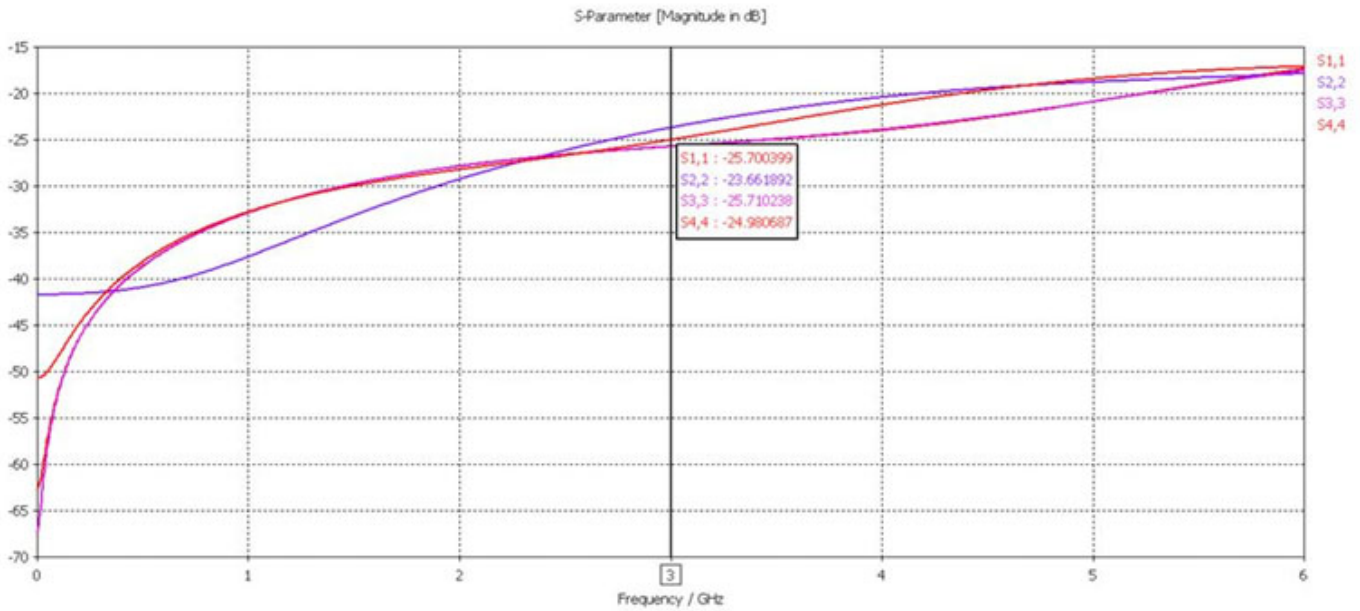
| | |
|-------------|-----------------|
| Centre Pin | BeCu / 10 μ" Au |
| Metal Parts | Brass/Au |
| Insulators | PTFE |

Environmental

| | |
|----------------|--------------------|
| Connector Type | DIN 1.0/2.3 Female |
| Temp Range | -65 to +85°C |
| Mating Cycles | 500 |



Return Loss Graph



PCB Layout

PCB Footprint

