

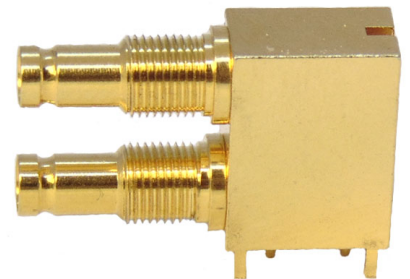
General Description

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 is available as:

XGS-06-RB24-GGD as a connector only part

XGS-06-RB24-GGD-AZ supplied with 2 x 2 Slot Circular Nut



Electrical

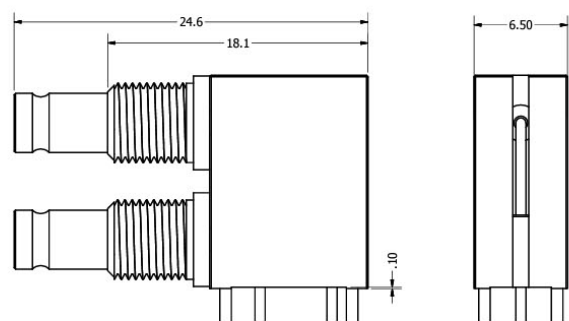
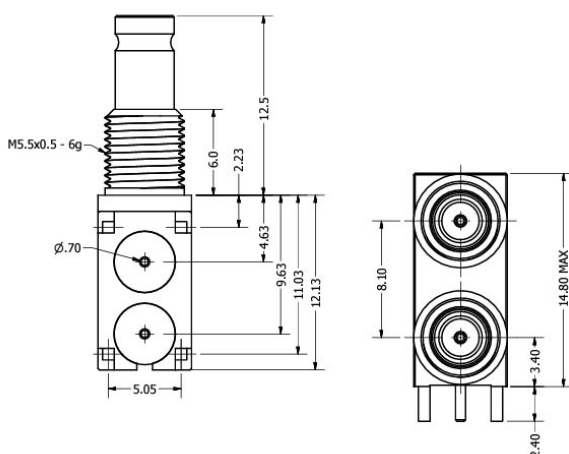
Impedance		75Ω
Frequency Range		0-6GHz
Working Voltage		250Vrms
Reflection Factor (VSWR)		1.14 (max) 0-3GHz 1.31 (max) 3-6GHz
Dielectric Withstanding Voltage		750Vrms
Insulation Resistance		≥1000MΩ
Contact Resistance	Centre Contact	≤ 4.0mΩ
	Outer Contact	≤ 2.5mΩ

Materials

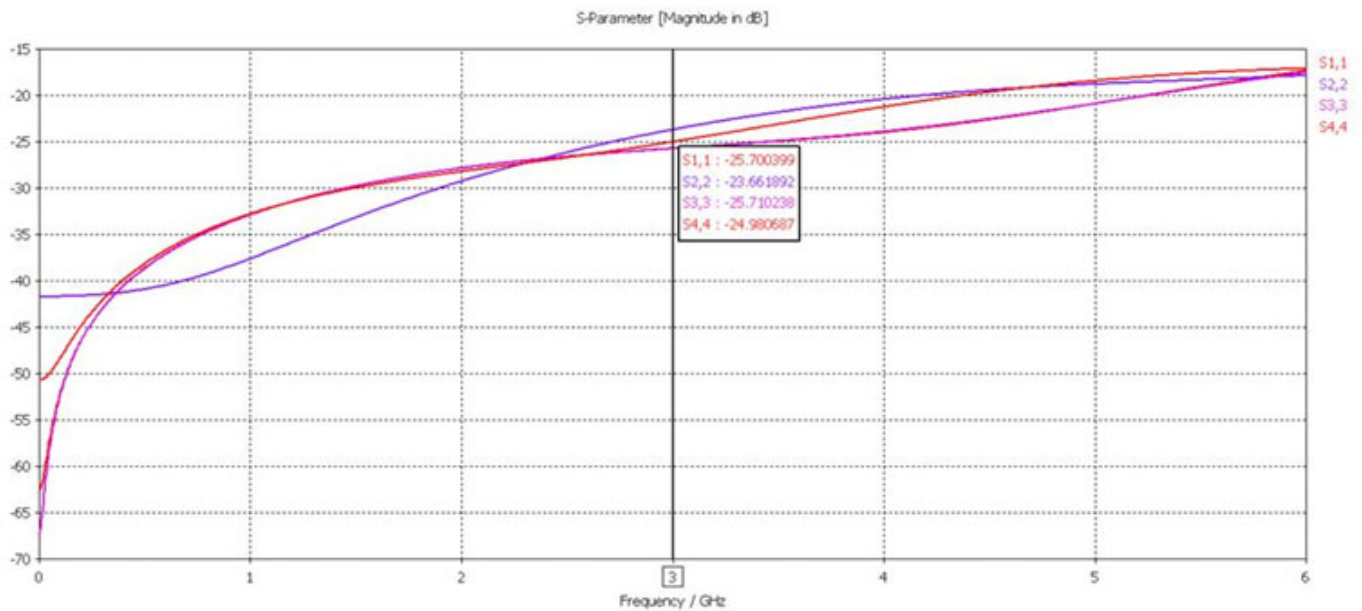
Centre Pin	BeCu / 10 μ" Au
Metal Parts	Brass/Au
Insulators	PTFE

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

