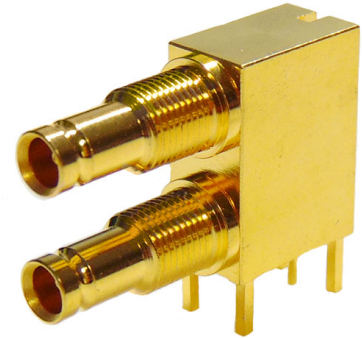


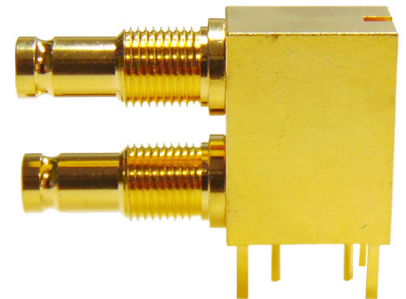
General Description

The XGS-06-RB42-GGD is a dual port right angle PCB bulkhead mounted connector which conforms to the standard of SMPTE ST 2081-1 and CXP-6, allowing bit-rates of 5.94Gbit/s over a single coaxial connection. The connector is designed for Multi Layer PCB applications which require a leg length of 4.2mm.



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

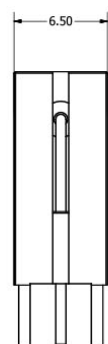
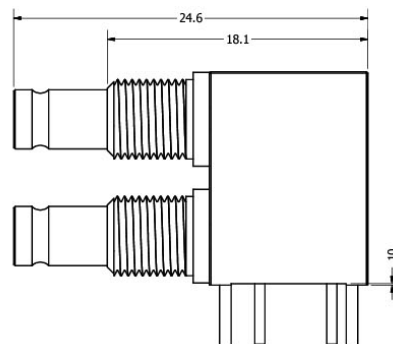
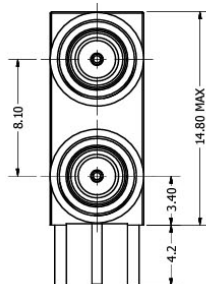
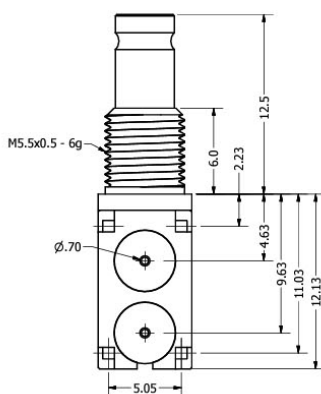


Materials

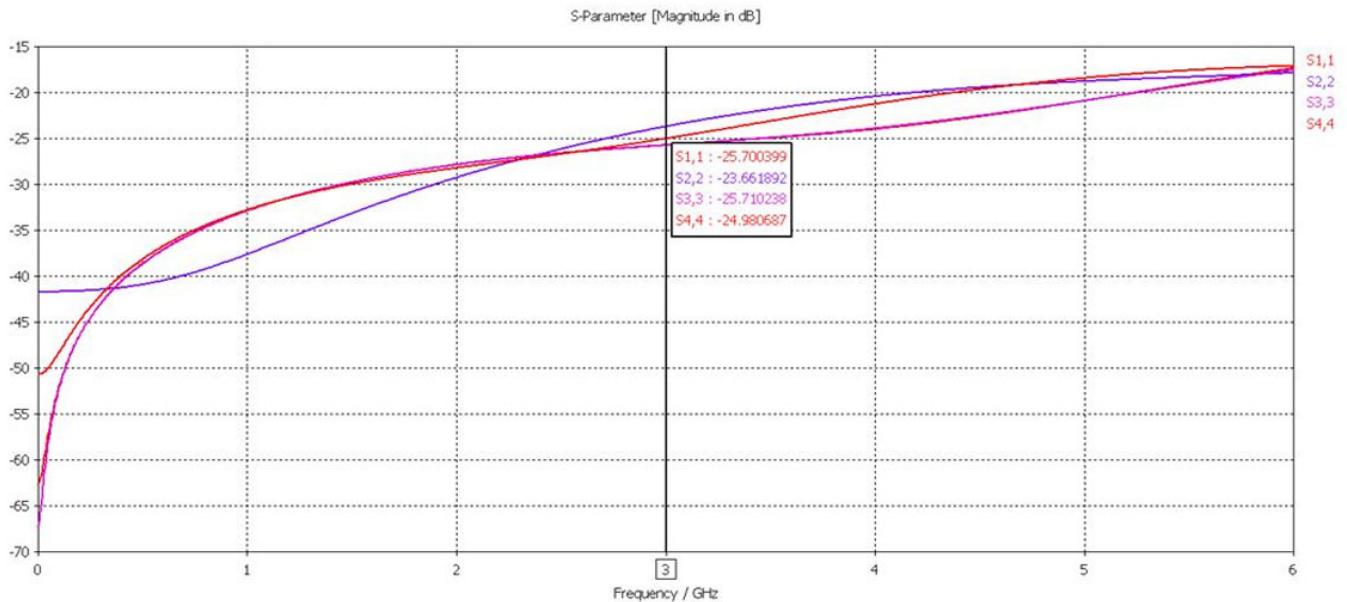
Centre Pin	BeCu / 10 μ" Au
Metal Parts	Brass/Au
Insulators	PTFE

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

