

General Description

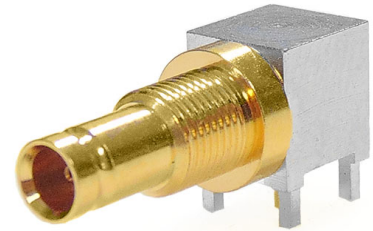
The XGS-06-RB26-NG is a right angle PCB bulkhead mounted connector which conforms to the standard of SMPTE ST 2081-1 and CXP-6, allowing bit-rates of 5.94Gbit/s over a single coaxial connection. The 8mm pitch and low profile of the connector enables double wiring densities and is optimised for use in 6G HD-SDI applications.

This connector is available as:

XGS-06-RB26-NG as a connector only part

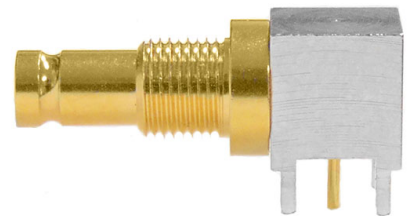
XGS-06-RB26-NG-AZ supplied with 2 Slot Circular Nut

XGS-06-RB26-NG-BZ supplied with 2 Slot Narrow Circular Nut



Electrical

Impedance		75Ω
Frequency Range		0-6GHz
Working Voltage		250Vrms
Reflection Factor (VSWR)		1.11 (max) 0-3GHz 1.29 (max) 3-6GHz
Dielectric Withstanding Voltage		750Vrms
Insulation Resistance		≥1000MΩ
Contact Resistance	Centre Contact	≤ 4.0mΩ
	Outer Contact	≤ 2.5mΩ

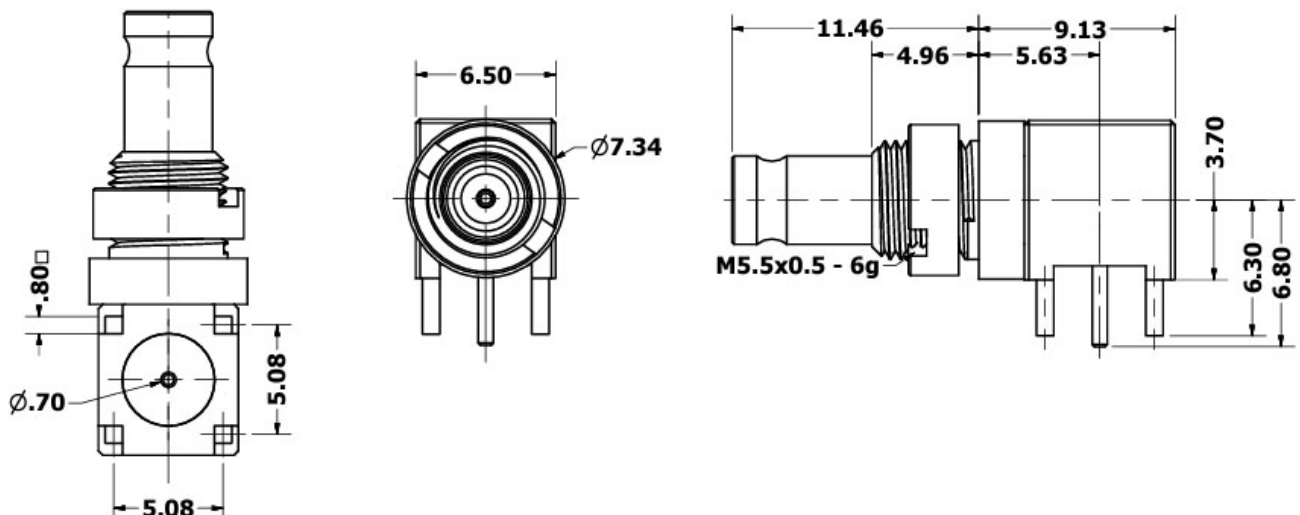


Materials

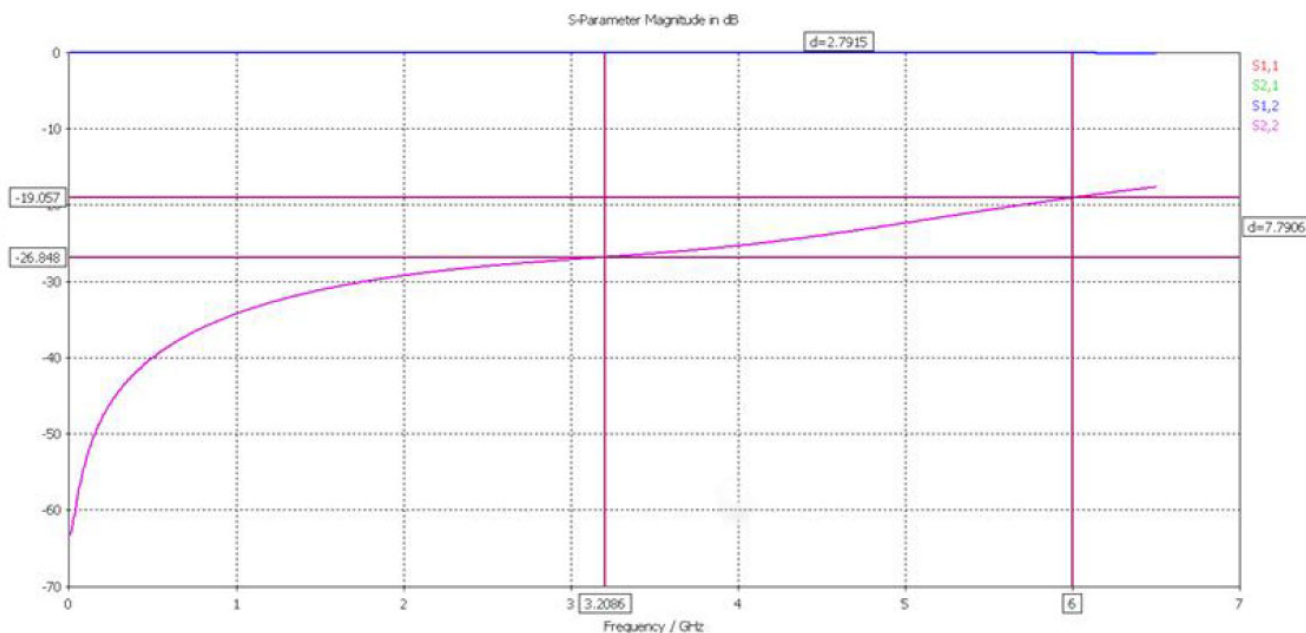
Centre Pin	BeCu / 10 μ"Au
Metal Parts	Brass/Ni/Au
Insulators	PTFE

Environmental

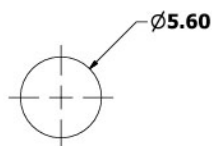
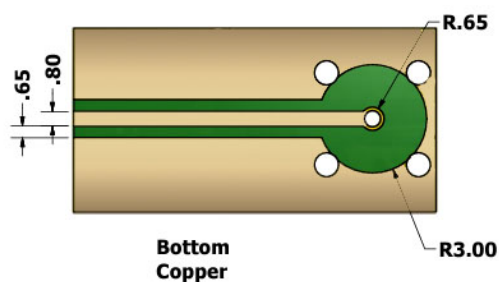
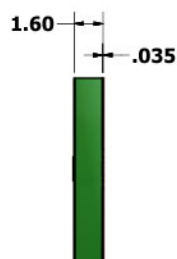
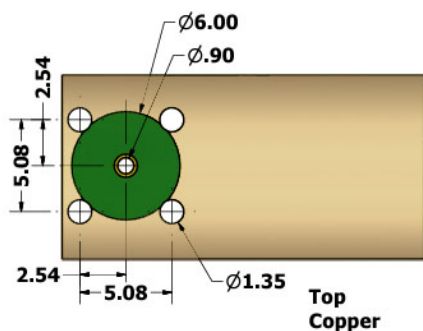
Connector Type	DIN 1.0/2.3 Female
Temp Range	-65 to +85°C
Mating Cycles	500



Return Loss Graph



PCB Layout



Panel Cut Out