

General Description

The XBS-03-TE39-NNU Precision 75Ω BNC top entry PCB mounted connector with a protective insulator sleeve around the centre contact. The centre contact is a thickness of 0.93mm.



Electrical

Impedance		75Ω
Frequency Range		0-3GHz
Working Voltage		500Vrms
Reflection Factor (VSWR)		1.04 (max) 0-1.5GHz 1.11 (max) 1.5-3GHz
Dielectric Withstanding Voltage		1500Vrms
Insulation Resistance		≥5000MΩ
Contact Resistance	Centre Contact	≤ 1.5mΩ
	Outer Contact	≤ 1.0mΩ

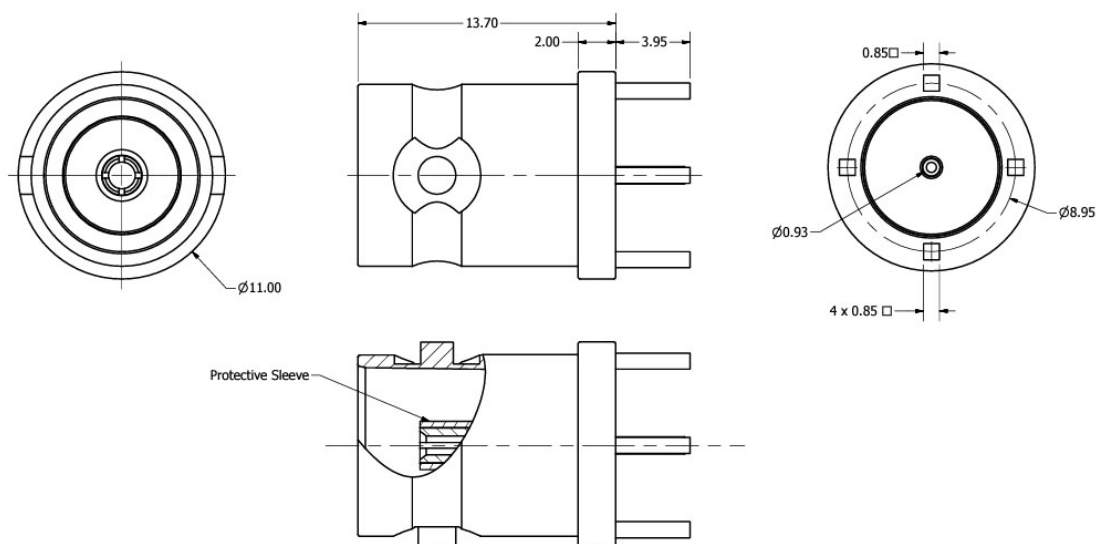


Materials

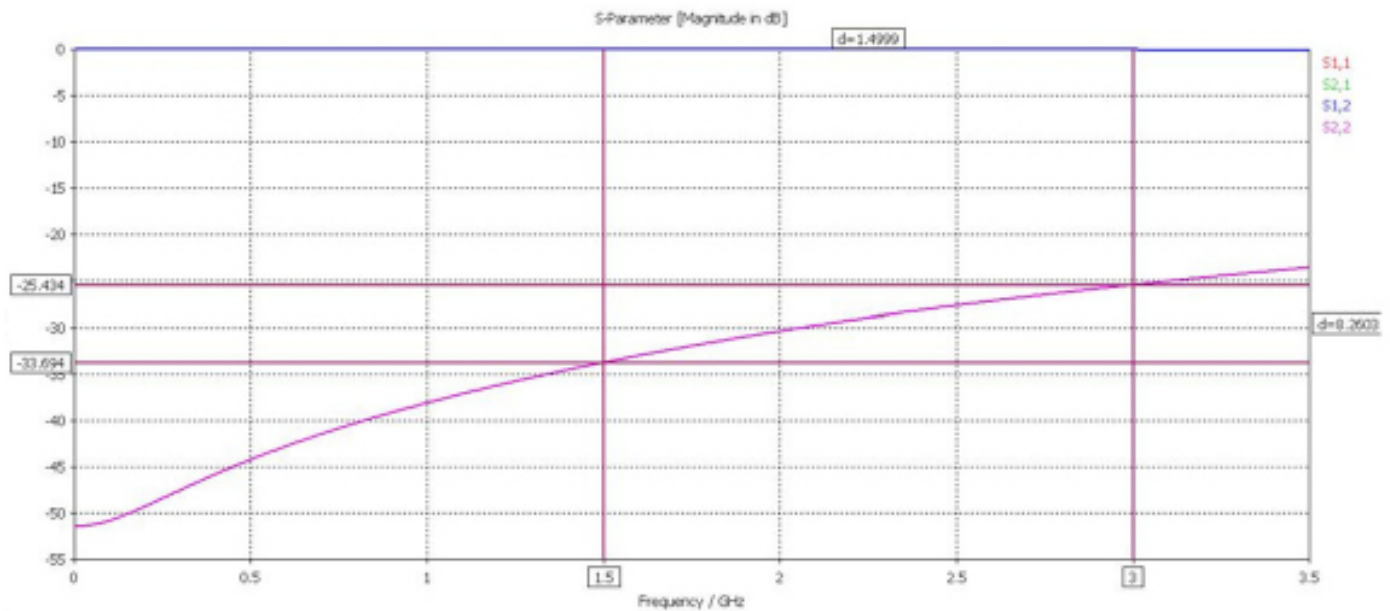
Centre Pin	PhosBronze / 10 μ"Au
Metal Parts	Brass/Ni
Insulators	PTFE

Environmental

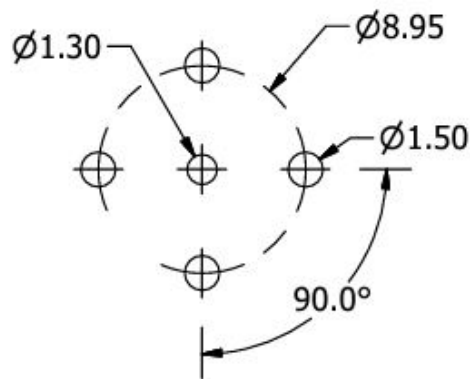
Connector Type	BNC Female
Temp Range	-65 to +85°C
Mating Cycles	250



Return Loss Graph



PCB Layout and Panel Cutout



PCB Footprint