

General Description

This precision 75Ω BNC Connector is a right angle mounted PCB connector for surface mount applications. It also features Pathfinder™ light pipe technology which aids port identification. With a centreline of 4mm above the board, its low profile permits closer packing densities of daughter boards, which allows reduction in the bulk of routing and switching equipment.

This connector is available as:
XBS-03-RB40-NNV as a connector only part
XBS-03-RB40-NNV-AA supplied with Hex Nut & Washer
XBS-03-RB40-NNV-CA supplied with 2 Slot Circular Nut & Washer



Electrical

Impedance		75Ω
Frequency Range		0-3GHz
Working Voltage		500Vrms
Reflection Factor (VSWR)		1.06 (max) 0-1.5GHz 1.33 (max) 1.5-3GHz
Dielectric Withstanding Voltage		1500Vrms
Insulation Resistance		≥5000MΩ
Contact Resistance	Centre Contact	≤ 1.5mΩ
	Outer Contact	≤ 1.0mΩ

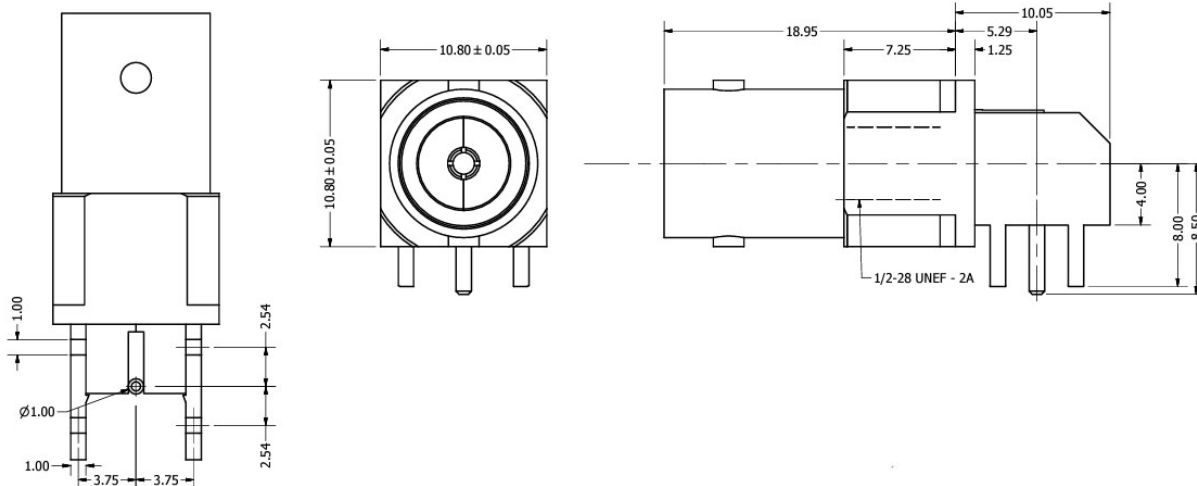


Materials

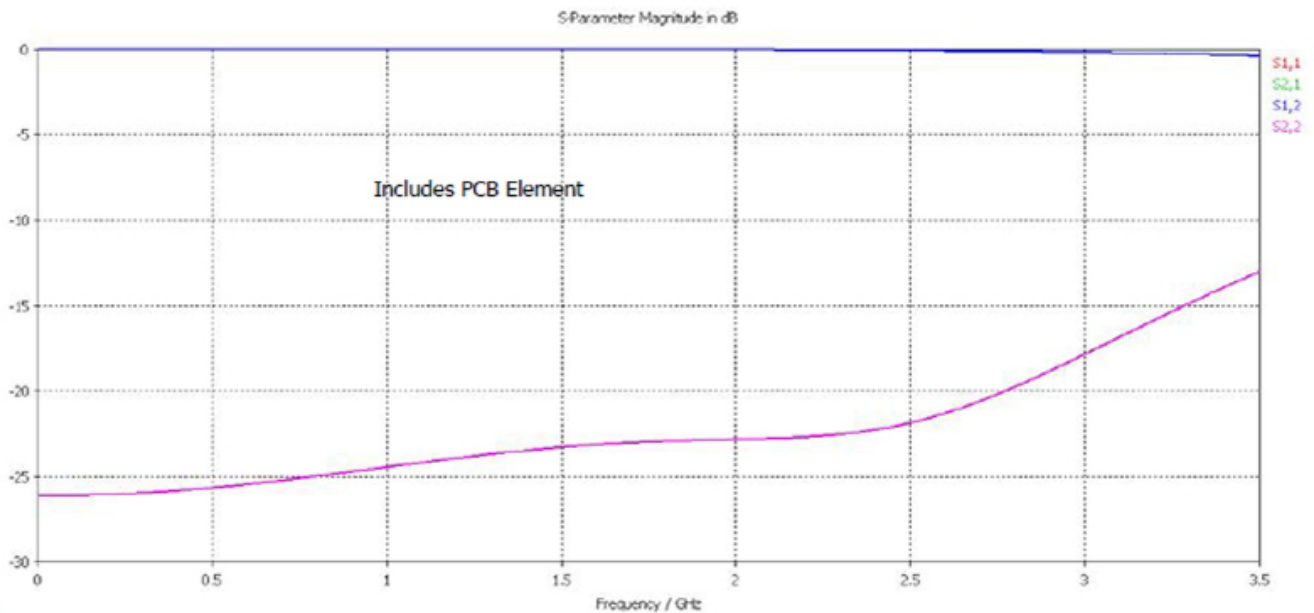
Centre Pin	PhosBronze / 10 μ"Au
Metal Parts	Die Cast Zinc/Ni
Insulators	UL94 HB TPX

Environmental

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



Return Loss Graph



PCB Layout and Panel Cutout

