

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 centre line 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. The XBS-03-RB40-NNNV is a right angle surface mount BNC Connector.

This connector was formerly sold as:

C-SX-108 when supplied with ANB-H0-ABN-2.50 and AWB-S0-ZBN-0.50

C-SX-136 when supplied with ANB-C2-ABN-2.50 and AWB-S0-ZBN-0.50



Electrical

Impedance		75Ω
Frequency Range		0-3GHz
Working Voltage		500Vrms
Reflection Factor (VSWR)		1.10 (max) 0-1.5GHz 1.39 (max) 1.5-3GHz
Dielectric Withstanding Voltage		1500Vrms
Insulation Resistance		≥5000MΩ
Contact Resistance	Centre Contact	≤ 1.5mΩ
	Outer Contact	≤ 1.0mΩ

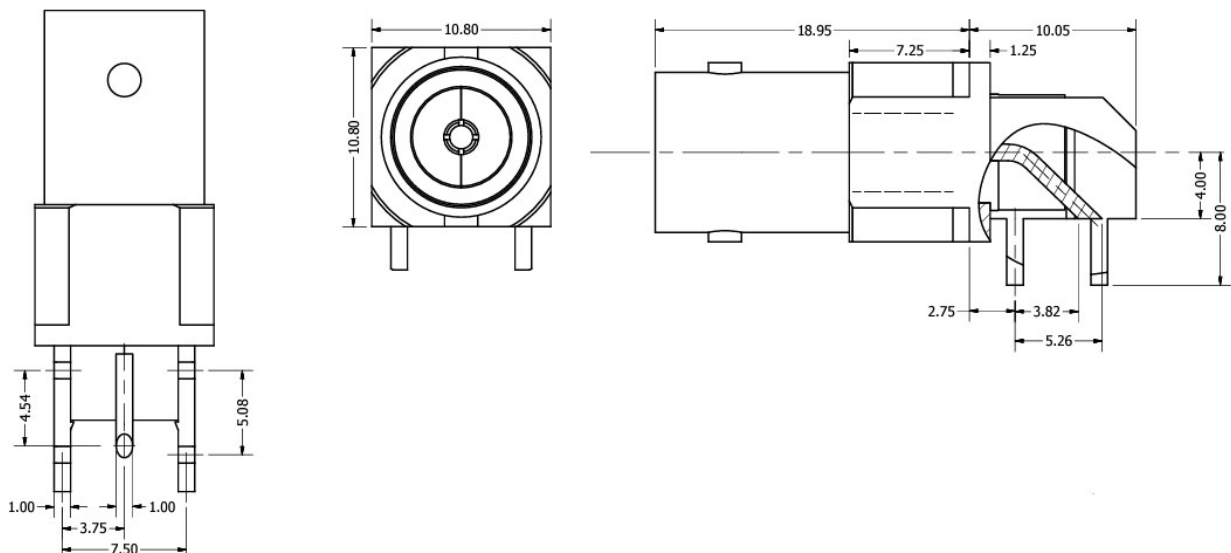


Materials

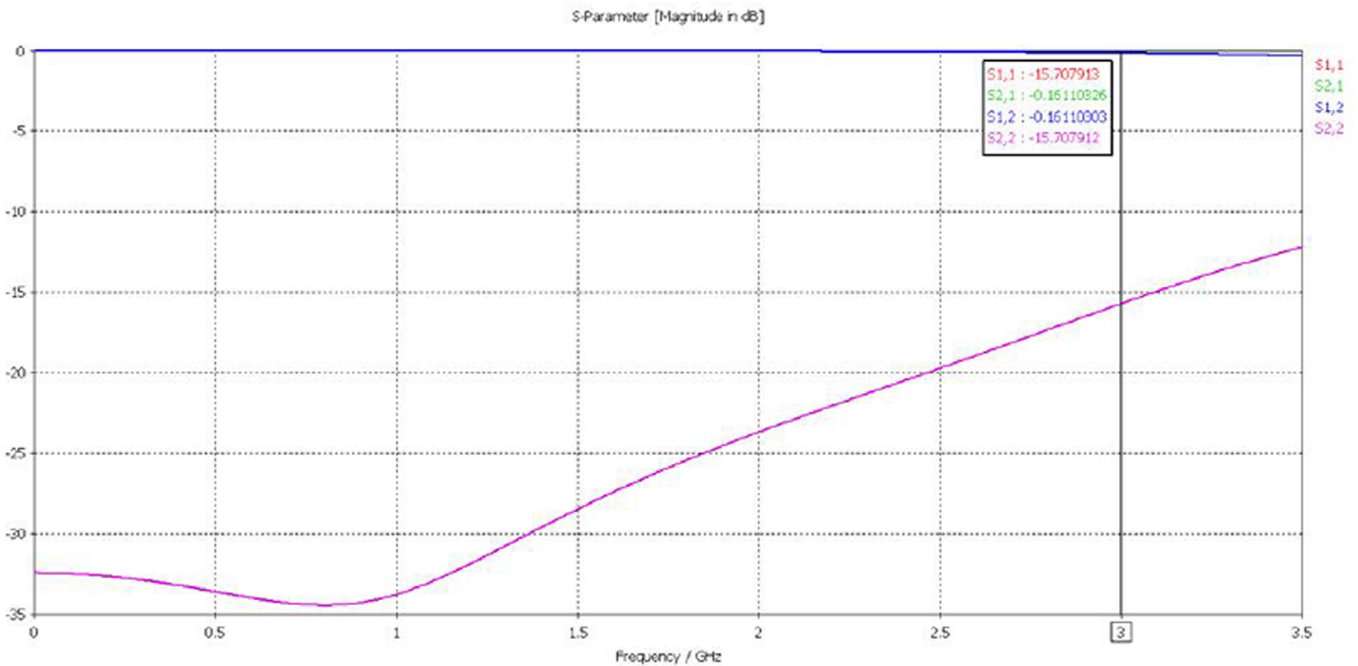
Centre Pin	PhosBronze / 10 μ"Au
Metal Parts	Die Cast Zinc/Ni
Insulators	UL94 HB TPX

Environmental

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



Return Loss Graph



PCB Layout and Panel Cutout

