

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	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="padding: 2px;">Centre Contact</td> <td style="padding: 2px;">≤ 1.5mΩ</td> </tr> <tr> <td style="padding: 2px;">Outer Contact</td> <td style="padding: 2px;">≤ 1.0mΩ</td> </tr> </table>	Centre Contact	≤ 1.5mΩ	Outer Contact	≤ 1.0mΩ
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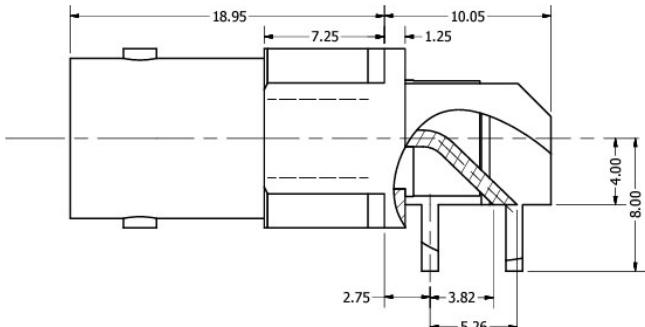
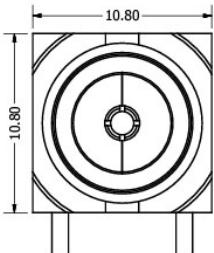
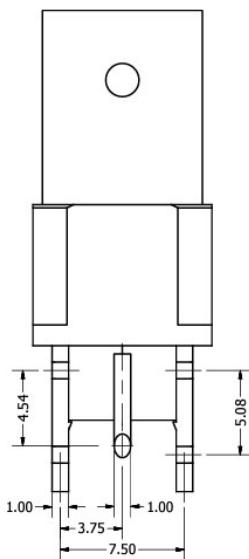


Materials

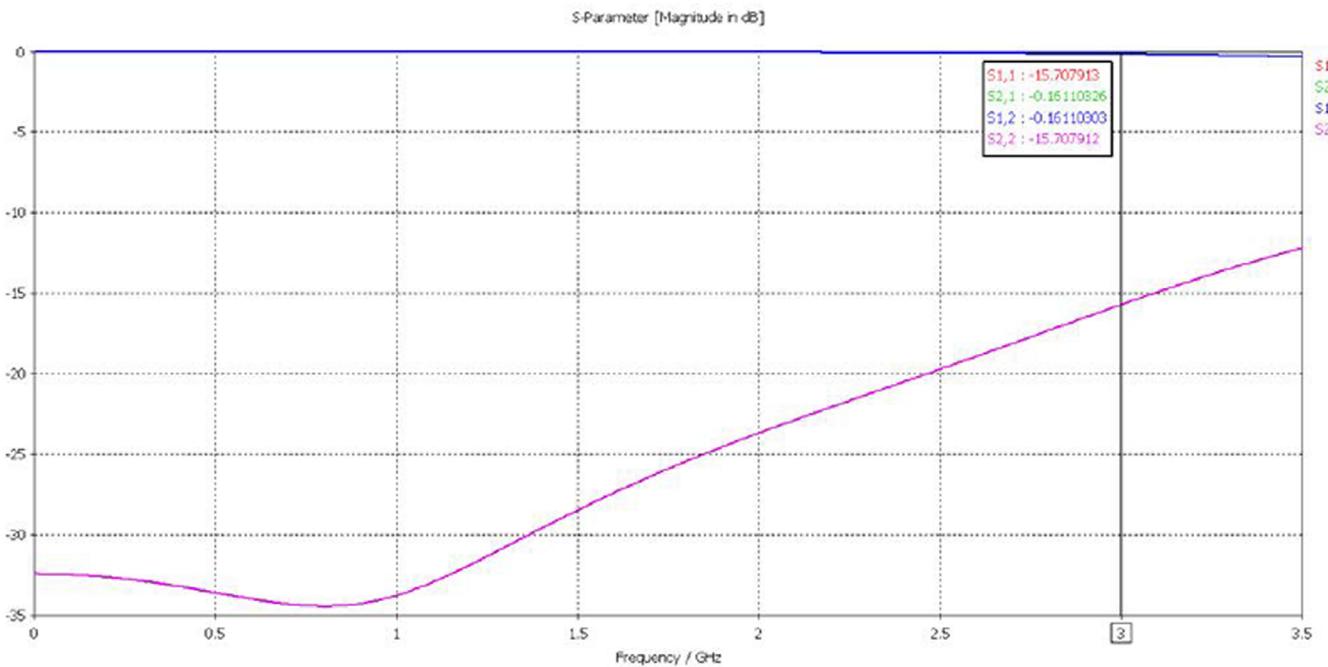
Centre Pin	PhosBronze / 10 μ" Au
Metal Parts	Die Cast Zinc/Ni
Insulators	UL94 HB TPX

Environmental

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



Return Loss Graph



PCB Layout and Panel Cutout

