

General Description

The XBS-03-EB16-NN is an edge mounted PCB connector which is designed for a PCB thickness of 1.6mm. The connector is supplied without nut or washer so you can customise your own style for your design.

This connector was formerly sold as:
C-SX-058 when supplied with ANB-H0-ABN-2.50 and AWB-S0-ZBN-0.50
C-SX-076 when supplied with ANB-C2-ABN-2.50 and AWB-S0-ZBN-0.50



Electrical

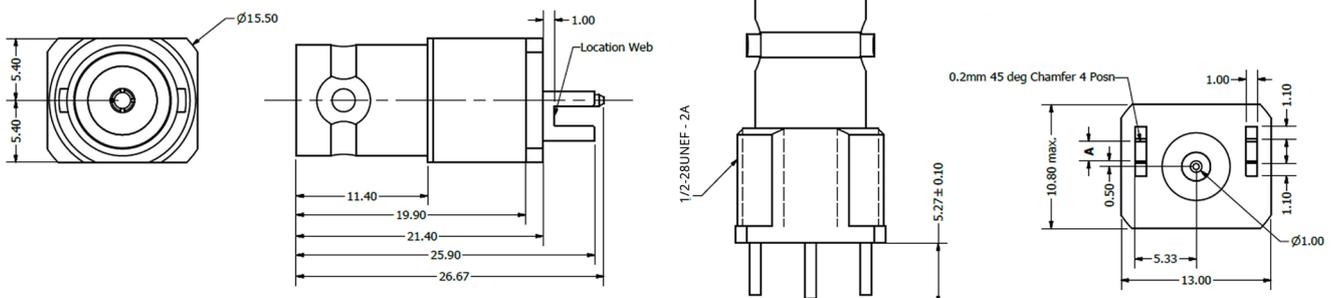
Impedance	75Ω	
Frequency Range	0-3GHz	
Working Voltage	500Vrms	
Reflection Factor (VSWR)	1.08 (max) 0-1.5GHz 1.16 (max) 1.5-3GHz	
Dielectric Withstanding Voltage	1500Vrms	
Insulation Resistance	≥1500MΩ	
Contact Resistance	Centre Contact	≤ 1.5mΩ
	Outer Contact	≤ 1.0mΩ

Materials

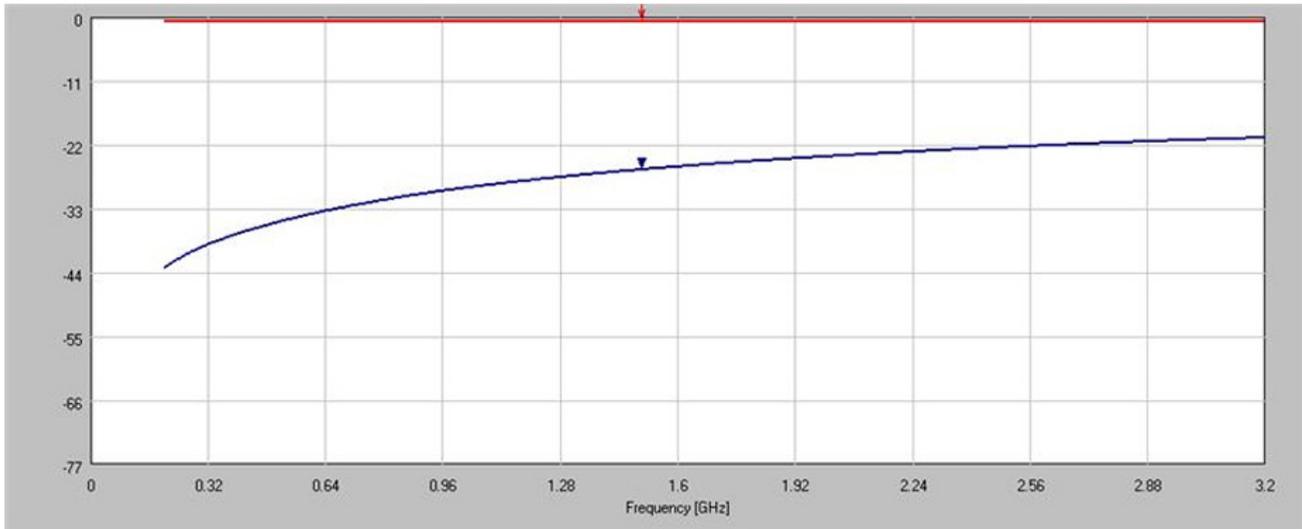
Centre Pin	PhosBronze / 10 μ"Au
Metal Parts	Brass / Ni
Insulators	PTFE

Environmental

Connector Type	BNC Female
Temp Range	-65 to +85°C
Mating Cycles	500



Return Loss Graph



Return Loss
0.0-1.5 GHz Better than -25.95db
1.5-3.2 GHz Better than -20.38db

Insertion Loss
0-3.2 GHz Better than 0.040 db

PCB Layout and Panel Cutout

