

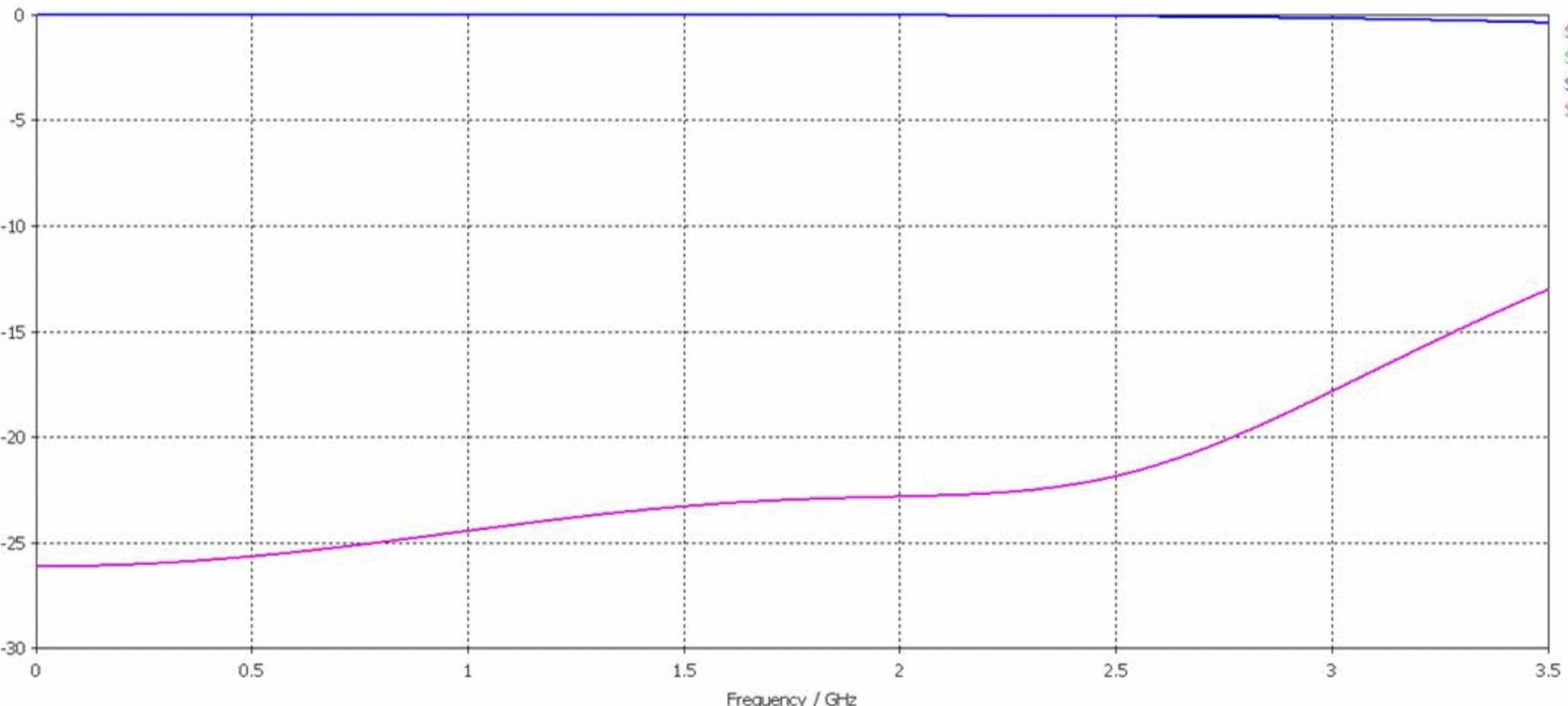
6 5 4 3 2 1

Including PCB Element

S-Parameter Magnitude in dB

Electrical:

Impedance	75 Ohms
Freq Range	0-3.0 GHz
Working Voltage	500 Vrms
Dielectric withstanding voltage	1500 Vrms
Reflection Factor (VSWR)	1.15 MAX 0.0-1.5 GHz 1.33 MAX 1.51-3.0 GHz
Contact Resistance	Center Contact 1.5 m Ohm Outer Contact 1.0 m Ohm
Insulation Resistance	>5000 Meg Ohm



Materials:

Center Pin	Phosphos Bronze/ 10 μ " Au
Metal Parts	Die Cast Zinc / 70 μ " Ni Plate
Insulators	TPX

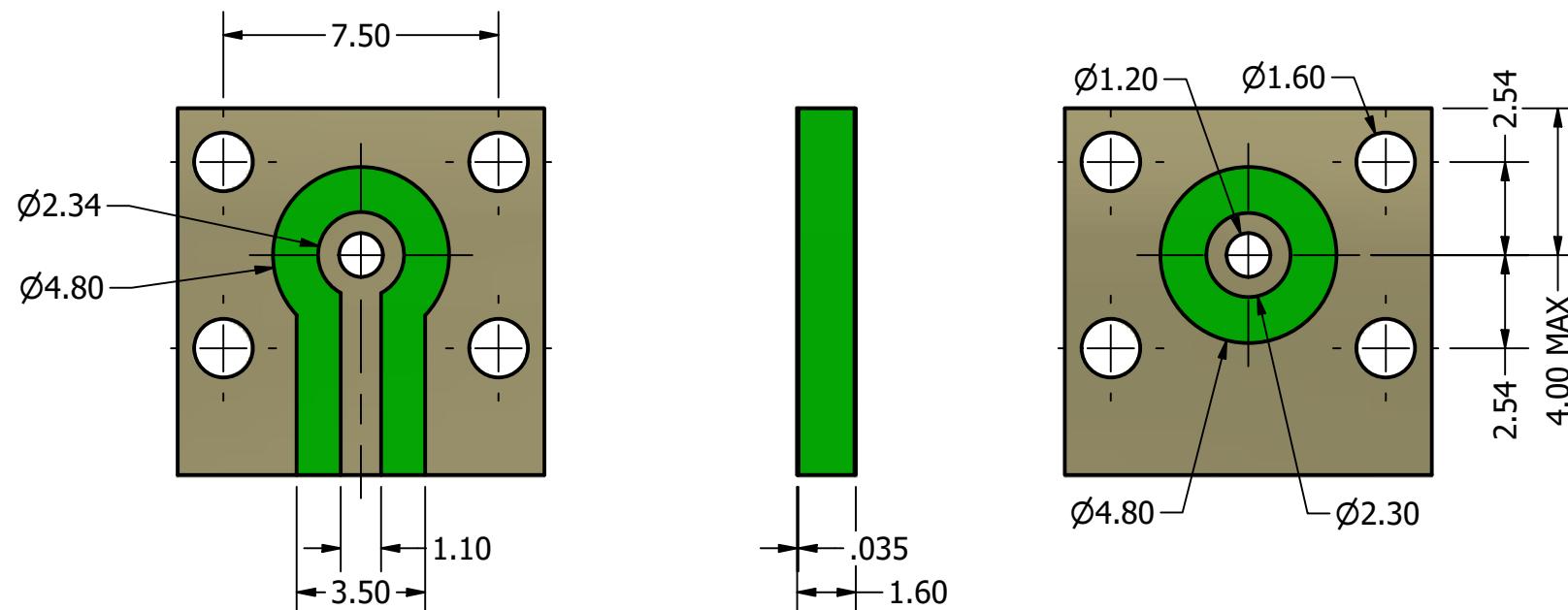
Environmental:

Temp Ranges	-65 to +85°C
Mating Cycles	250

Processing:

Hand Solder	265° MAX
Wave Solder	265° MAX Dwell Time 10-12s

Suggested PCB layout intended as starting point for design iteration



Design Right Protected		Material:	Finish:	Gen Tol ±0.10 Angular ±2°	DO NOT SCALE		
		Designed by P. Fayers	Checked by	Approved by	©2024	Date 09 Jan 2008	A3
Third Angle Projection							
RoHS Compliant							
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Description: 3GHz 75 ohm BNC Female Bulkhead R/A PCB Connector 2.8mm leg with light pipe							
Part No: XBS-03-RB28-NNV Cust				Issue 3.0	Sheet 2 / 2		