

**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 1.6-3.2 GHz
Contact Resistance	Center Contact 1.5 m Ohm Outer Contact 1.0 m Ohm
Insulation Resistance	>5000 Meg Ohm

**Materials:**

Center Pin	PhosphorBronze / 10μ" Au
Metal Parts	Die Cast Zinc / Au Flash
Insulators	UL94 HB TPX

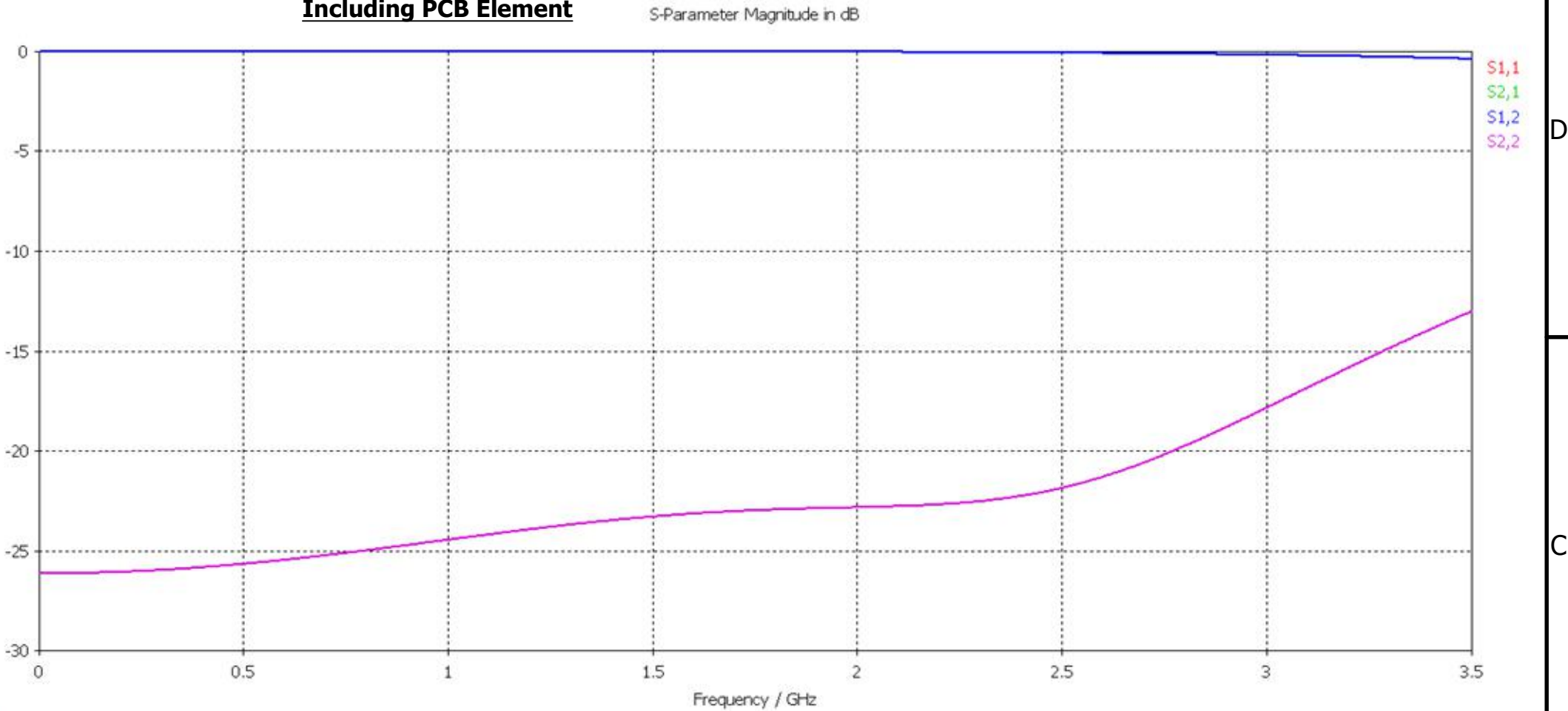
**Enviromental:**

Temp Ranges	-65 to +85°C
Mating Cycles	250
Vibration:	MIL-STD-202 Method 204 Test Condition B
Salt Spray:	MIL-STD-202 Method 101 Test Condition B

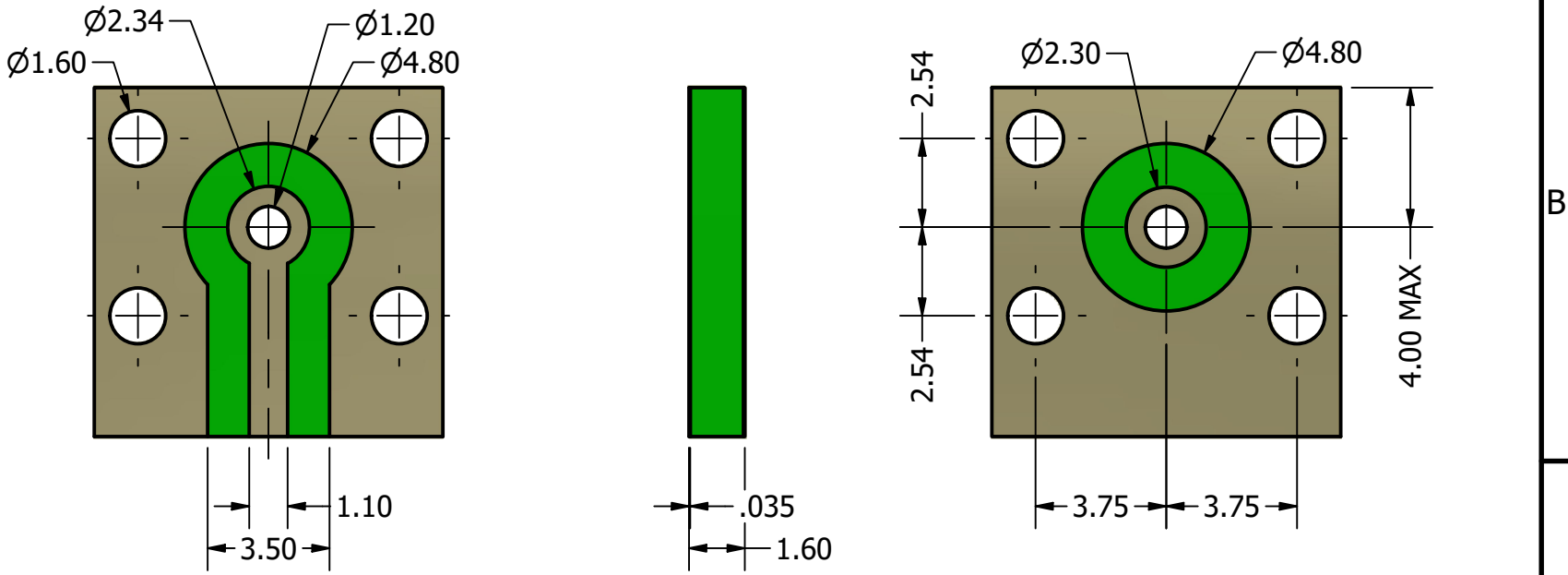
**Processing:**

Hand Solder	
Wave Solder:	265°C MAX
Wave Solder Dwell Time:	10-12 Seconds

**Including PCB Element**



**Suggested PCB layout intended as starting point for design iteration**



<b>Design Right Protected</b>	Material:		Finish:		Gen Tol ±0.10 Angular ±2°	DO NOT SCALE	
	Designed by <b>P. Fayers</b>		Checked by		Approved by	©2024 Date 09 Jan 2008	Unit of Measure: millimeters (mm)
<b>RoHS Compliant</b>	Third Angle Projection		Description: 3GHz 75 ohm BNC Female Bulkhead R/A Gold Plated PCB Connector 4mm leg with light pipe		Part No: XBS-03-RB40-GGV Cust		Issue 3.0
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