

Electrical:

Impedance	75 Ohms
Freq Range	0-6.0 GHz
Working Voltage	250 Vrms
Dielectric withstanding voltage	>750 Vrms
Reflection Factor (VSWR)	1.04 Max 0.0-3.0 GHz 1.12 Max 3.1-6.0 GHz
Contact Resistance	Center Contact 4.0 m Ohm Outer Contact 2.5 m Ohm
Insulation Resistance	> 1000 Meg Ohm

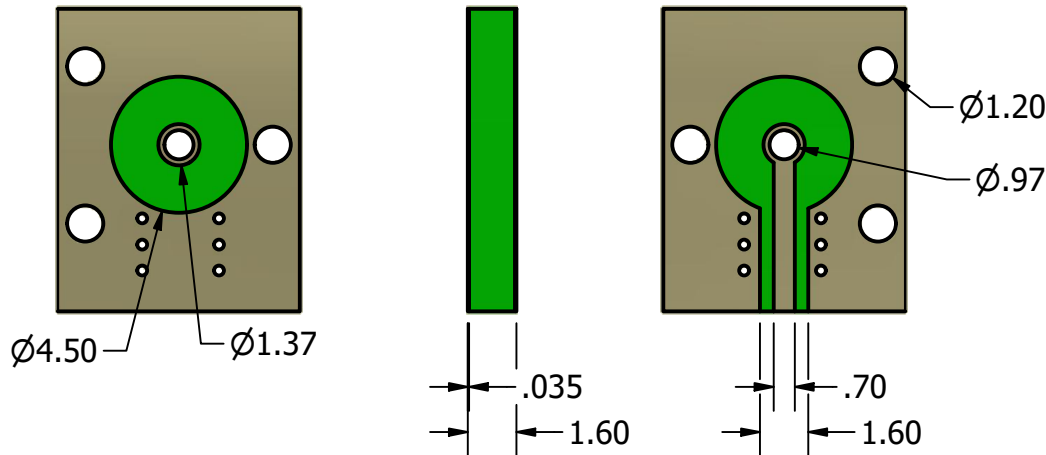
Materials:

Center Pin	BeCu/10μ Au
Metal Parts	Brass / Ni and Au
Insulators	PTFE

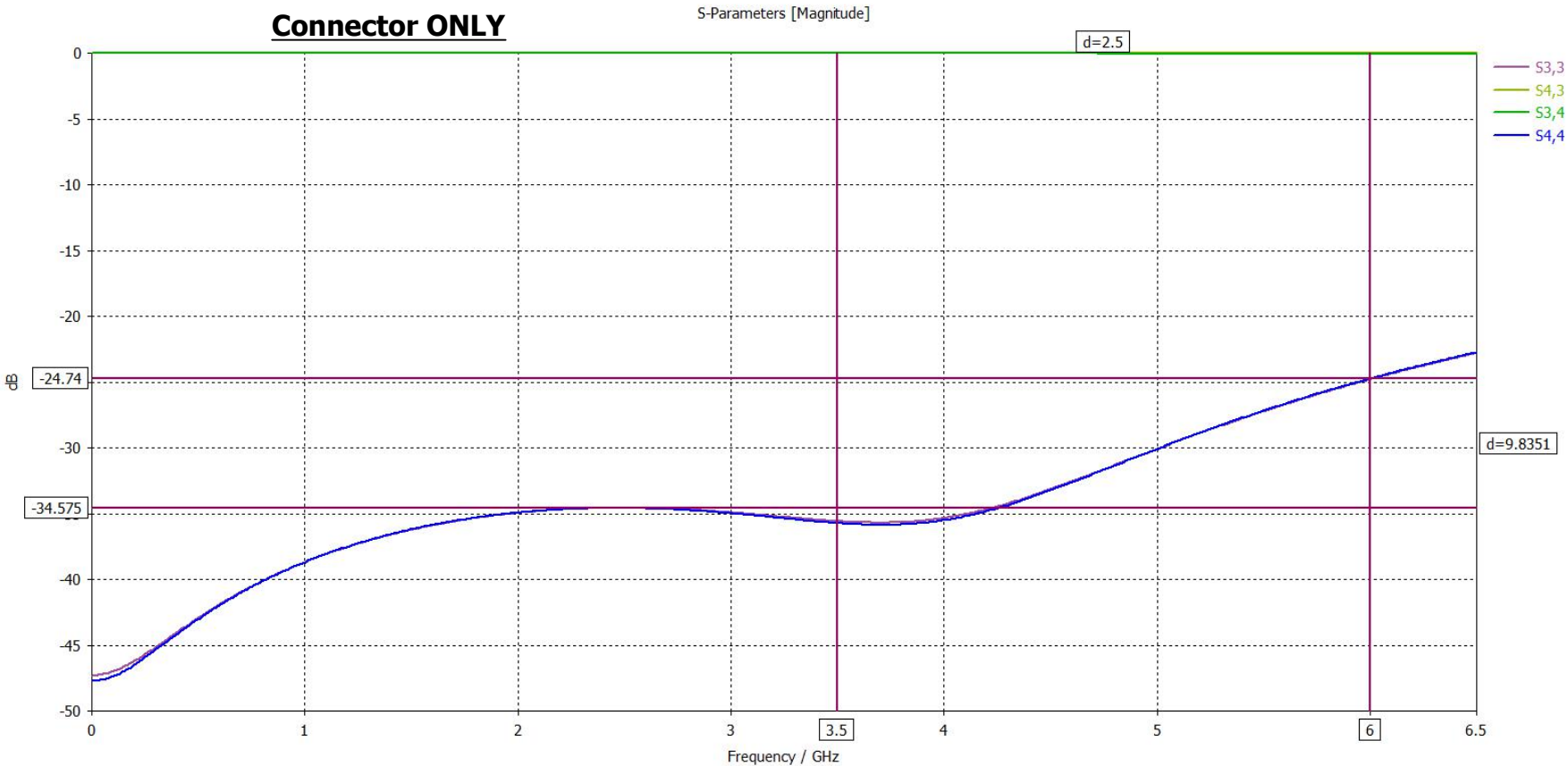
Enviromental:

Temp Ranges:	-65 to +85°C
Mating Cycles:	500

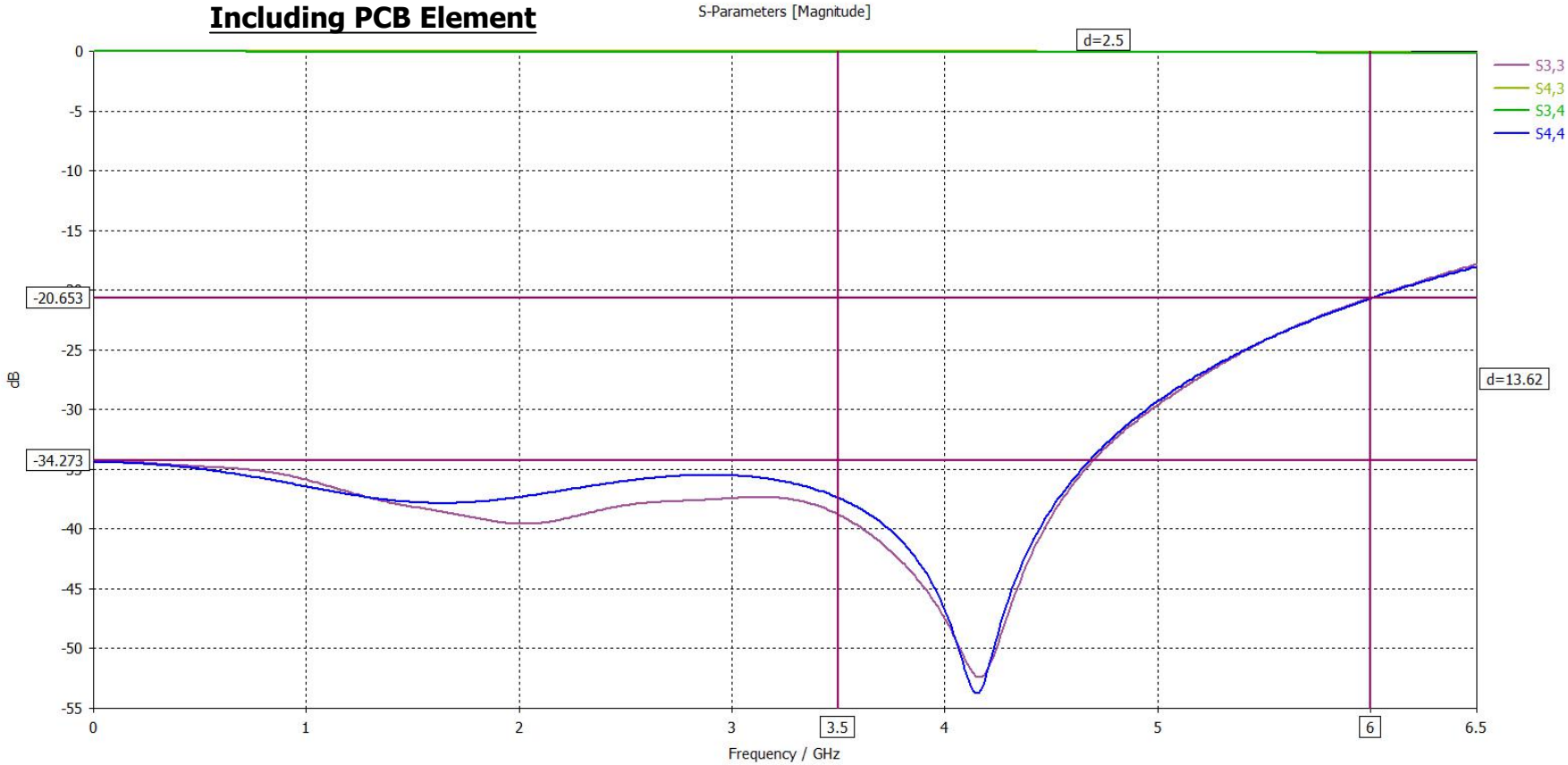
Suggested PCB layout intended as starting point for design iteration



Connector ONLY



Including PCB Element



Design Right Protected	Material:		Finish:		Gen Tol ±0.10 Angular ±2°		DO NOT SCALE	
	Third Angle Projection		Designed by Peter Millard		Checked by		Approved by	
RoHS Compliant	CAMBRIDGE ELECTRONIC INDUSTRIES		Description: 6GHz Short Stacking female 75 Ohm DIN 1.0/2.3 for 1.6mm PCBs		©2024		Date 20 May 2025	
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