

REVISION HISTORY				
REV	DESCRIPTION	CHG REF	DATE	DESIGNER
3.0	Updated P/N	FB / INT	31 Jul 2024	Peter Millard

<b>Design Right Protected</b>	Material:		Finish:		Gen Tol ±0.10 Angular ±2°	<b>DO NOT SCALE</b>	
	Designed by <b>Peter Fayers</b>		Checked by		Approved by	©2024	Date 16 Apr 2019
<b>RoHS Compliant</b>	Description: 12GHz 75ohm, Micro BNC RA jack for PCB slim body, 3.1mm legs		Part No: XPS-12-RB26-GNA Cust		Issue 3.0		Sheet 1 / 2
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Electrical:

Impedance	75 Ohms
Freq Range	0-12.0 GHz
Working Voltage	170 Vrms
Dielectric withstanding voltage	>500 Vrms
Reflection Factor (VSWR)	1.09 Max 0.0-6.0 GHz 1.190 Max 6.0-12.0 GHz
Center Contact	5.0 m Ohm
Contact Resistance	Outer Contact 2.5 m Ohm > 1000 Meg Ohm
Insulation Resistance	

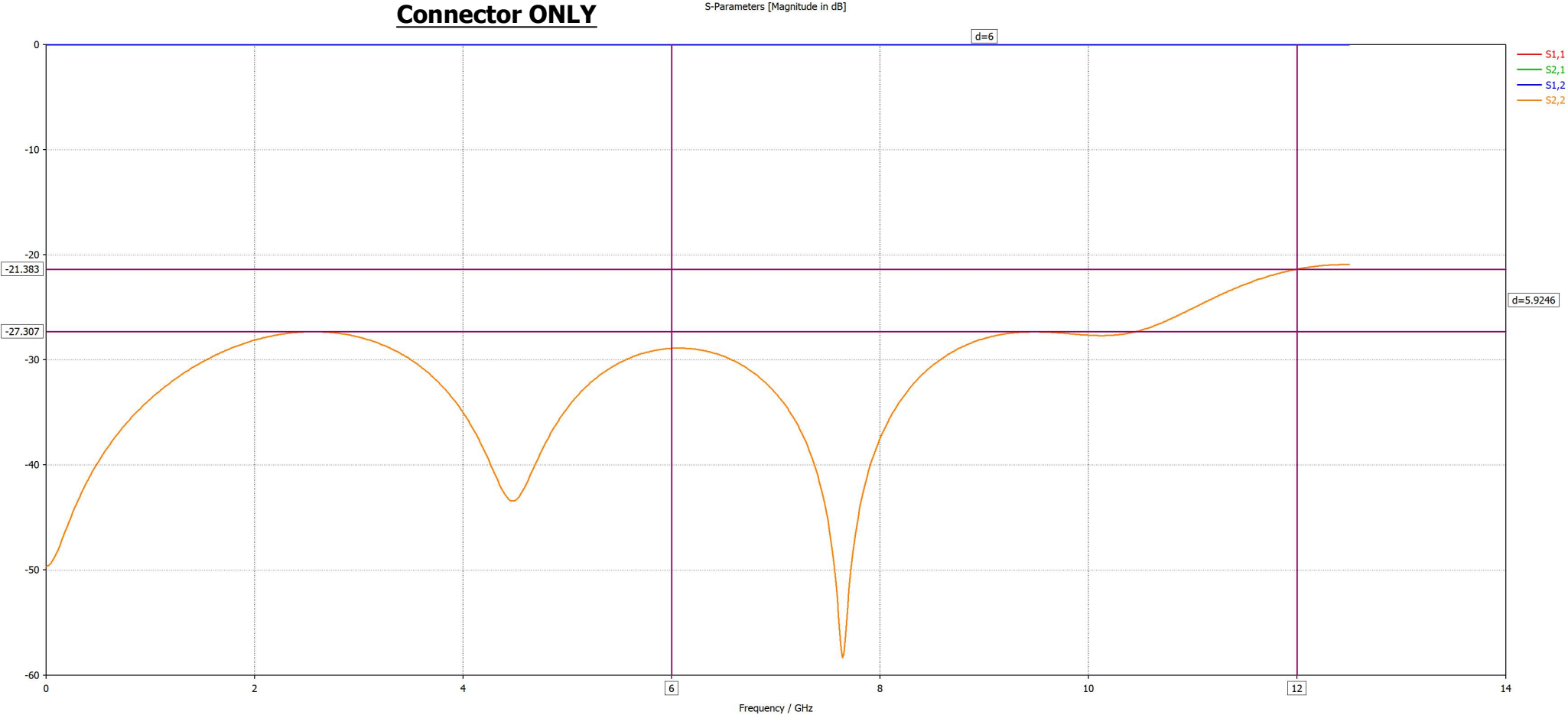
Materials:

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

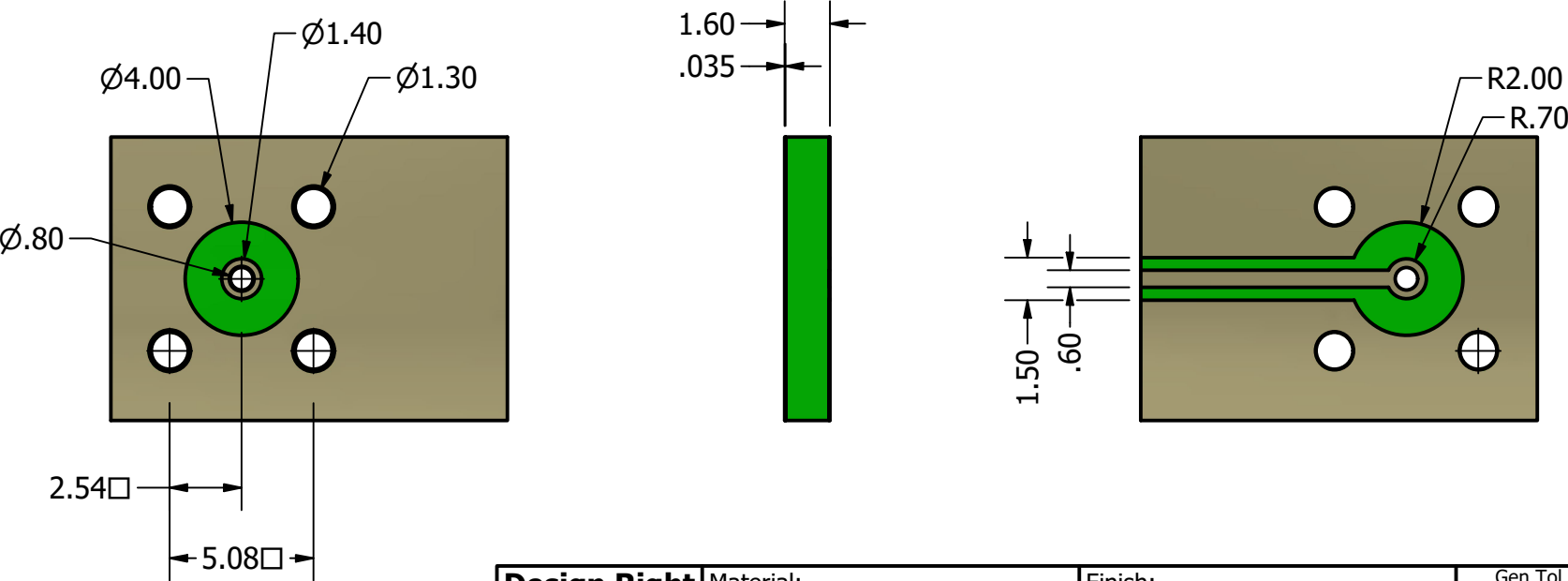
Enviromental:

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

Connector ONLY



Suggested PCB layout intended as starting point for design iteration



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Third Angle Projection	Date 16 Apr 2019		A3		Description: 12GHz 75ohm, Micro BNC RA jack for PCB slim body, 3.1mm legs		
RoHS Compliant	Part No: XPS-12-RB26-GNA Cust		Issue 3.0		Sheet 2 / 2		
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