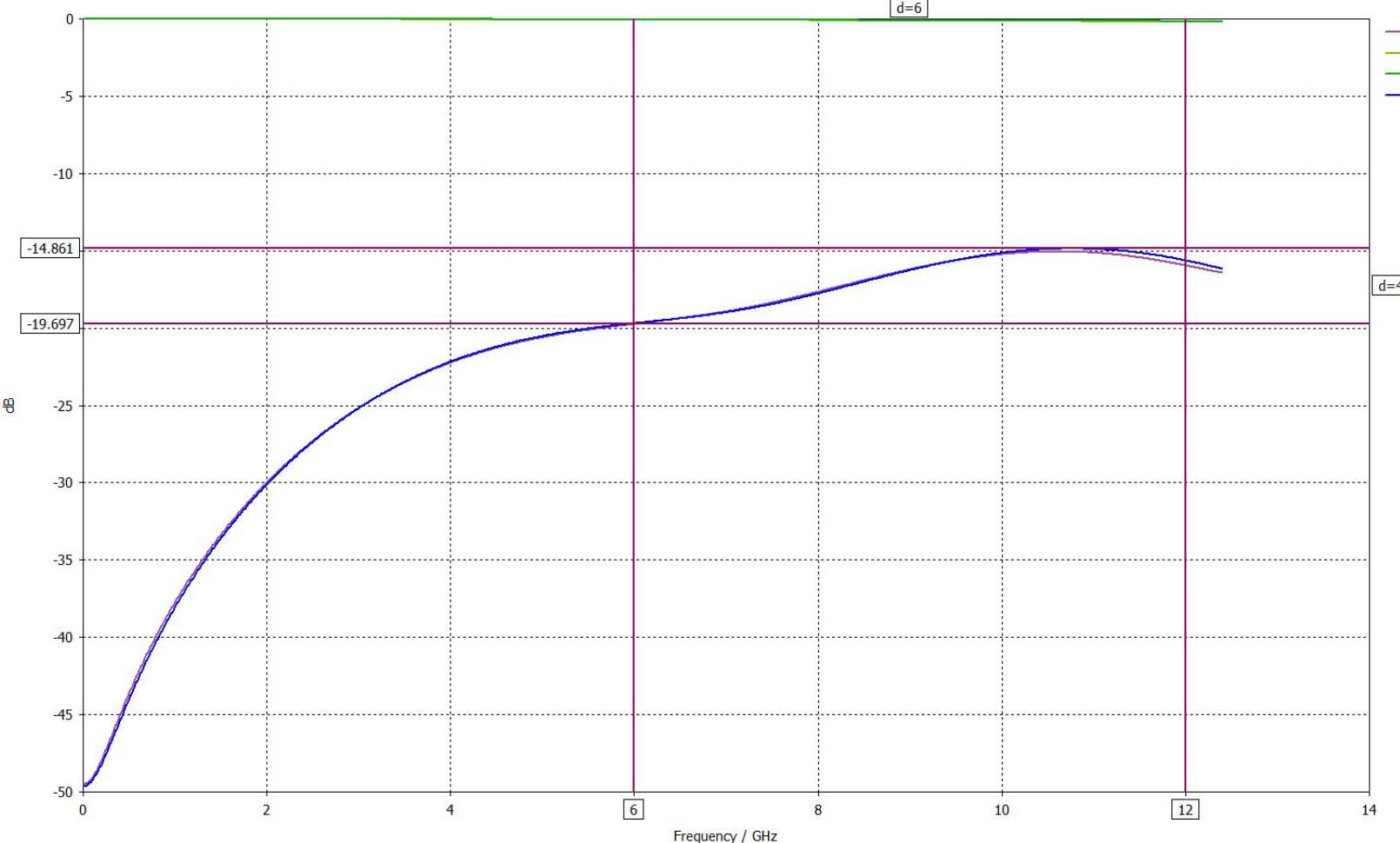


6 5 4 3 2 1

### Connector ONLY

S-Parameters [Magnitude]



#### Electrical:

Impedance	75 Ohms
Freq Range	0-12.0 GHz
Working Voltage	500 Vrms
Dielectric withstand voltage	1500 Vrms
Reflection Factor (VSWR)	1.23 MAX 0.0-6.0 GHz
	1.44 MAX 6.1-12.0 GHz
Contact Resistance	Center Contact 1.5 m Ohm
	Outer Contact 1.0 m Ohm
Insulation Resistance	>5000 Meg Ohm

#### Materials:

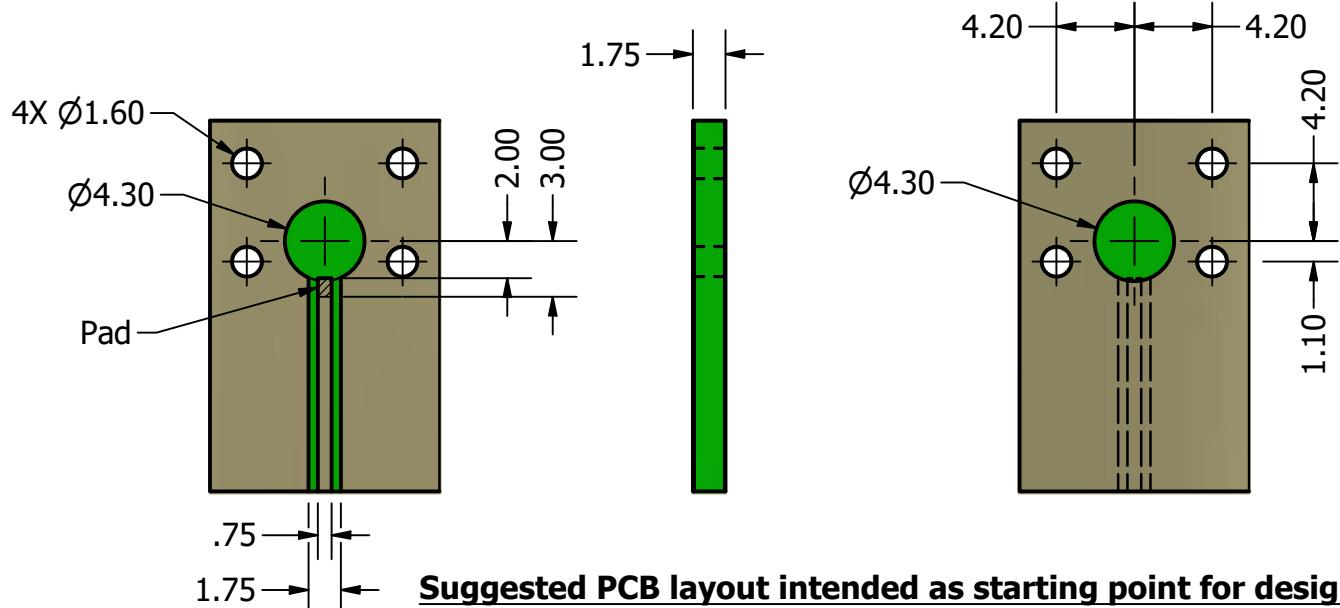
Center Pin	PhosBronze / 10 $\mu$ " Au
Metal Parts	Brass / 70 $\mu$ " Ni Plate
Insulators	PTFE

#### Environmental:

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

#### Processing:

Peak Reflow	260° MAX
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Design Right Protected	Material:	Finish:	Gen Tol ±0.10 Angular ±2°	DO NOT SCALE Unit of Measure: millimeters (mm)
Third Angle Projection	Designed by <b>PeterM</b>	Checked by	Approved by	©2024 Date 13 Dec 2023 A3
		This document and all the data contained herein is and shall remain the property of Cambridge Electronic Industries Ltd and may not be used or copied for any purpose whatsoever without the written permission of Cambridge Electronic Industries Ltd.		Description: 12GHz Short adjoining female BNC with S surface mounting pin
Part No: XBS-12-RB21-NNRX Cust		Issue 1.6	Sheet 2 / 2	