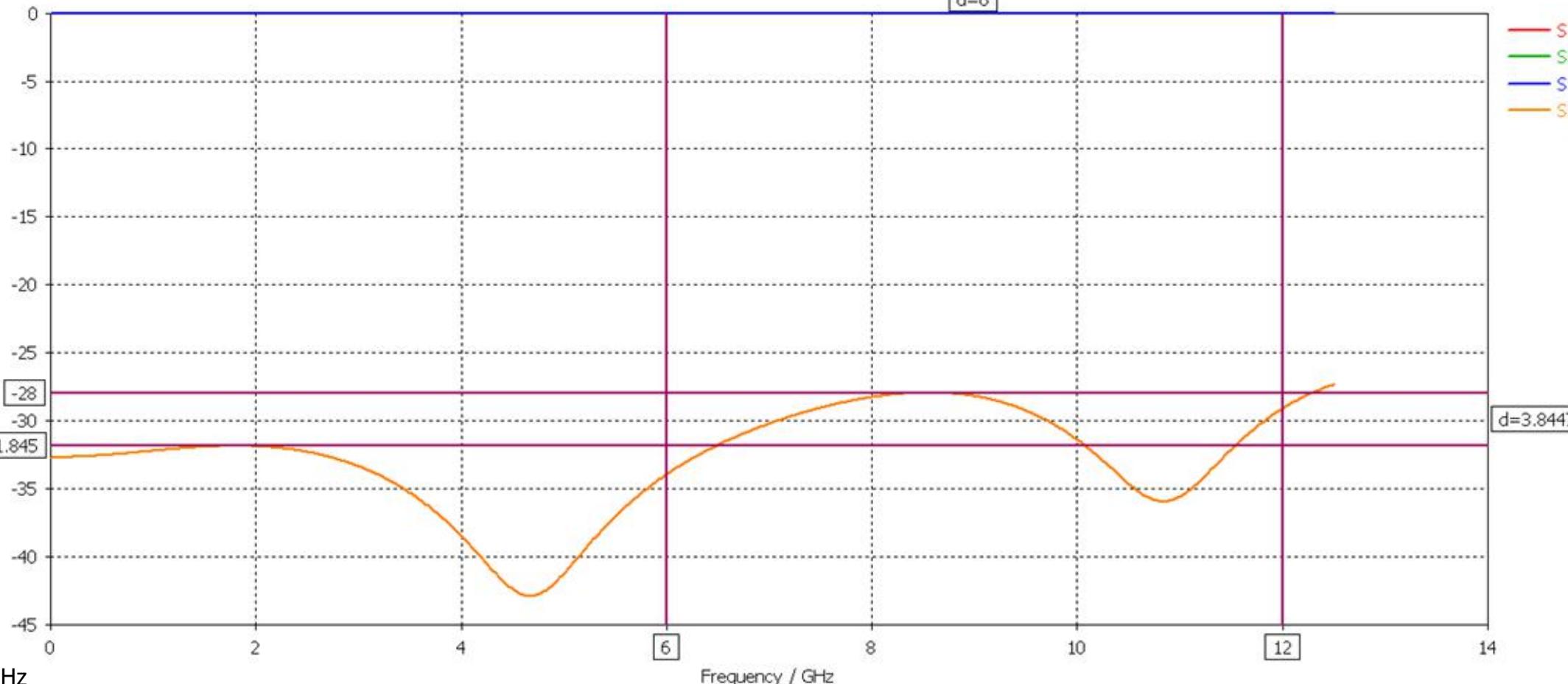


6 5 4 3 2 1

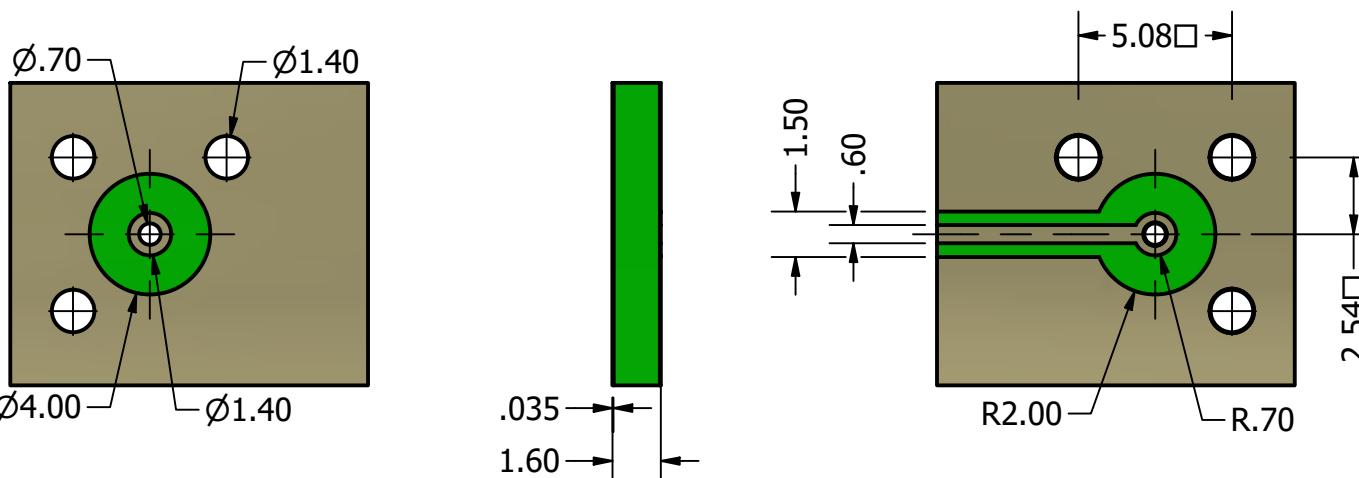
Connector ONLY

S-Parameter [Magnitude in dB]

d=6



Suggested PCB layout intended as starting point for design iteration



Contact Resistance Center Contact 5.0 m Ohm

Outer Contact 2.5 m Ohm

Insulation Resistance

> 1000 Meg Ohm

Materials:

Center Pin BeCu/10 μ Au

Metal Parts Brass / Au

Insulators PTFE

Environmental:

Temp Ranges: -65 to +85°C

Mating Cycles: 500

Design Right Protected	Material:	Finish:	Gen Tol ±0.10 Angular ±2°	DO NOT SCALE	
				Unit of Measure: millimeters (mm)	
Third Angle Projection	Designed by Peter Fayers	Checked by	Approved by	©2024	Date 21 Mar 2013 A3
RoHS Compliant	 CAMBRIDGE ELECTRONIC INDUSTRIES	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 75 ohm Micro BNC Female Long Body Top Entry with 3 legs		
			Part No: XPS-12-TE25-GGIL Cust	Issue 3.0	Sheet 2 / 2