

Electrical:	
Impedance	75 Ohms
Freq Range	0-25.0 GHz
Working Voltage	170 Vrms
Dielectric withstanding voltage	750 Vrms
Reflection Factor (VSWR)	1.30 Max 0.0-12.0 GHz

Contact Resistance	Center Contact 4.0 m Ohm
	Outer Contact 2.5 m Ohm
Insulation Resistance	> 1000 Meg Ohm

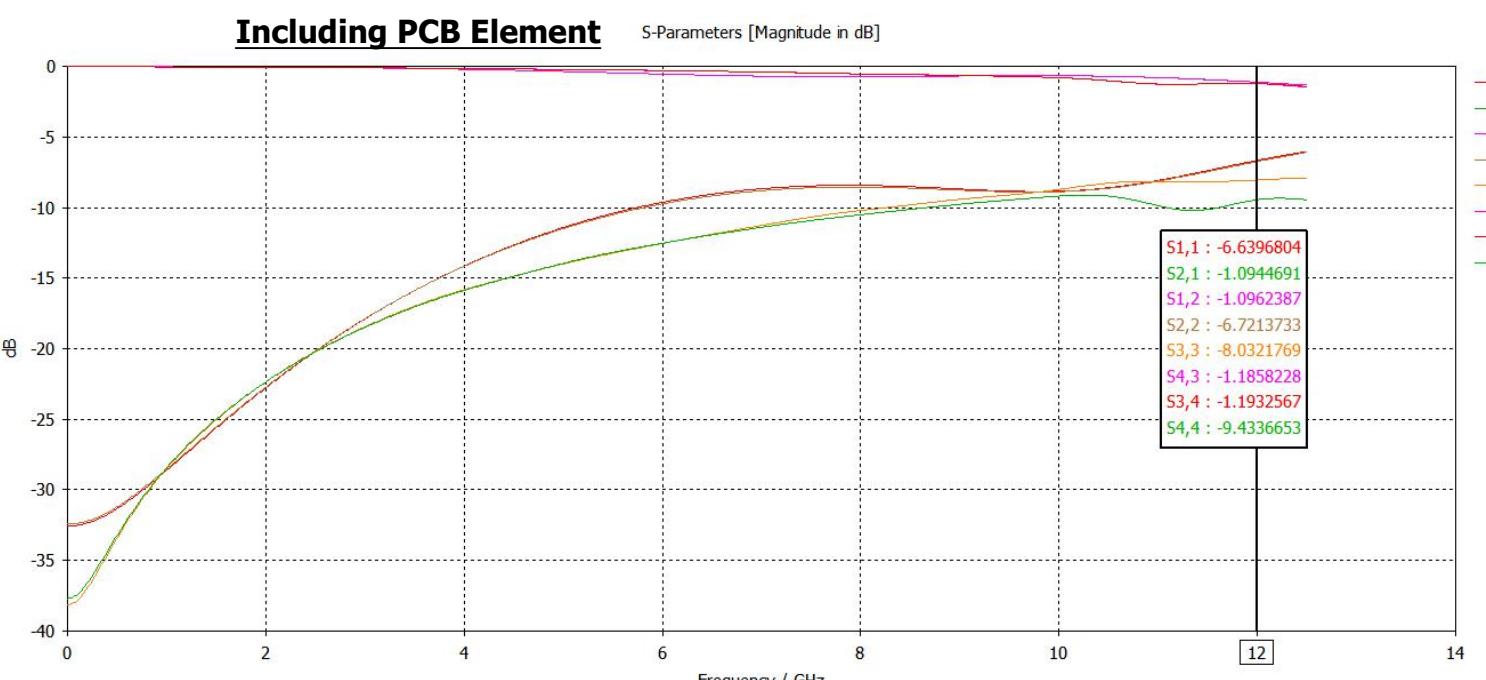
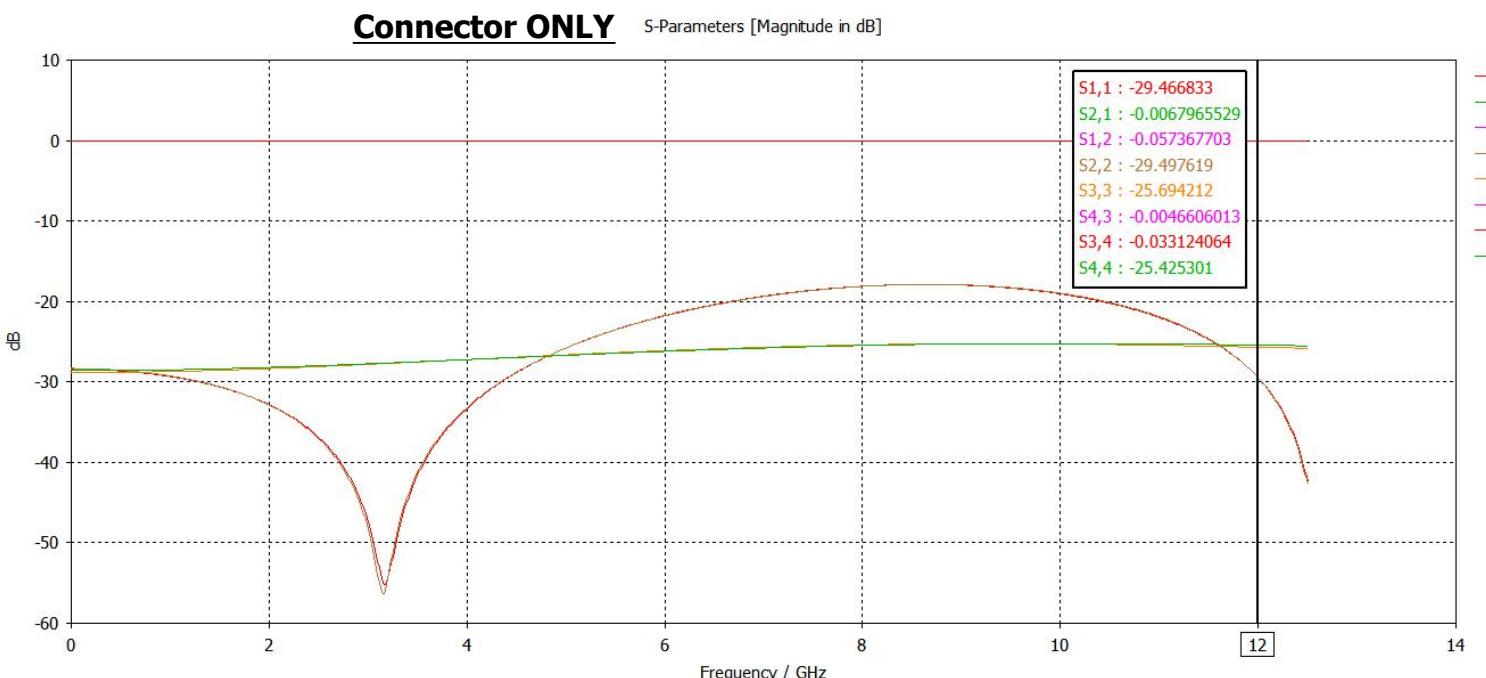
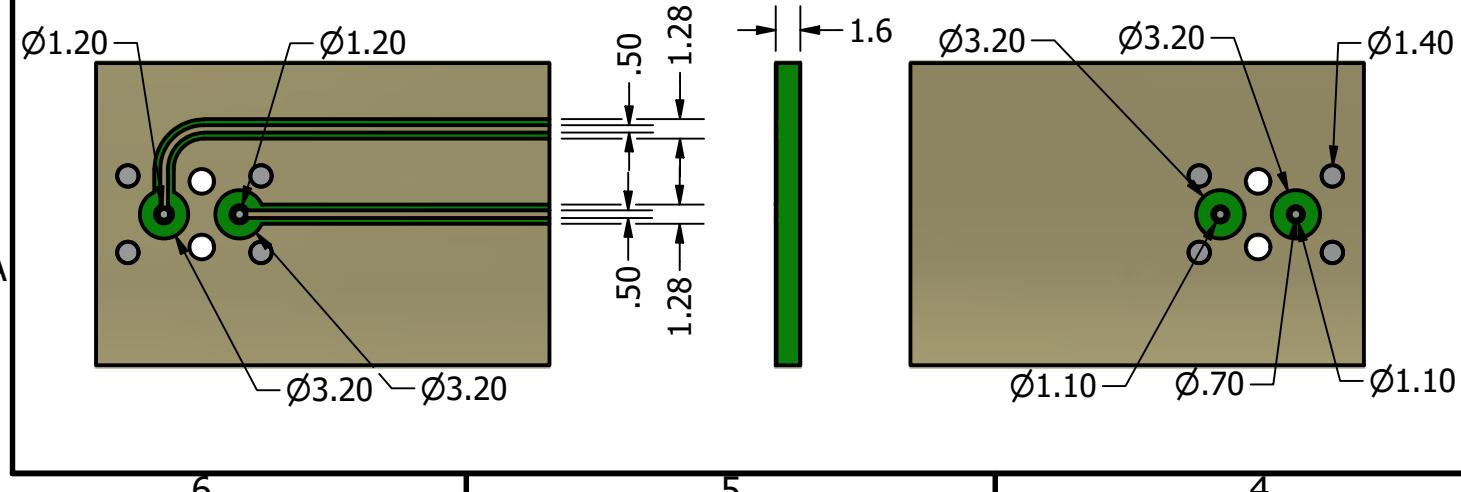
Materials:

Center Pin	BeCu/10μ Au
Metal Parts	Brass / Au or Ni
Insulators	PTFE
Mass	10.1g

Environmental:

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

Suggested PCB layout intended as starting point for design iteration



Design Right Protected	Material: GFRC		Finish:		Gen Tol ±0.10	DO NOT SCALE	
						Unit of Measure: millimeters (mm)	
Third Angle Projection 	Designed by Peter Fayers	Checked by	Approved by	©2024	Date 20 Apr 2021	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 Dual Micro BNC connector with 1.825 PiP harpoons		
		Part No: XPS-12-RB15-GNDHP Cust			Issue 3.5	Sheet 2 / 3	

