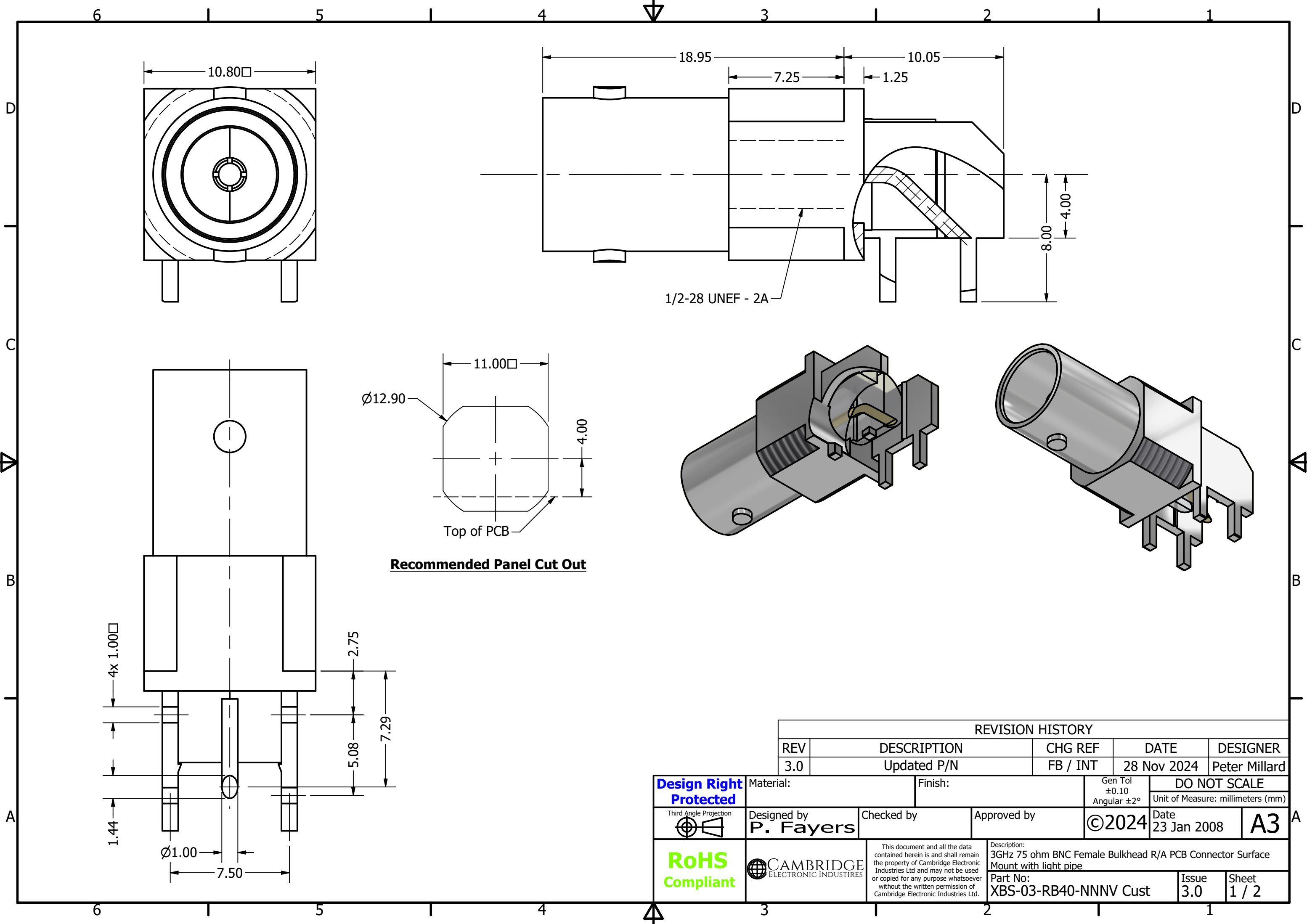
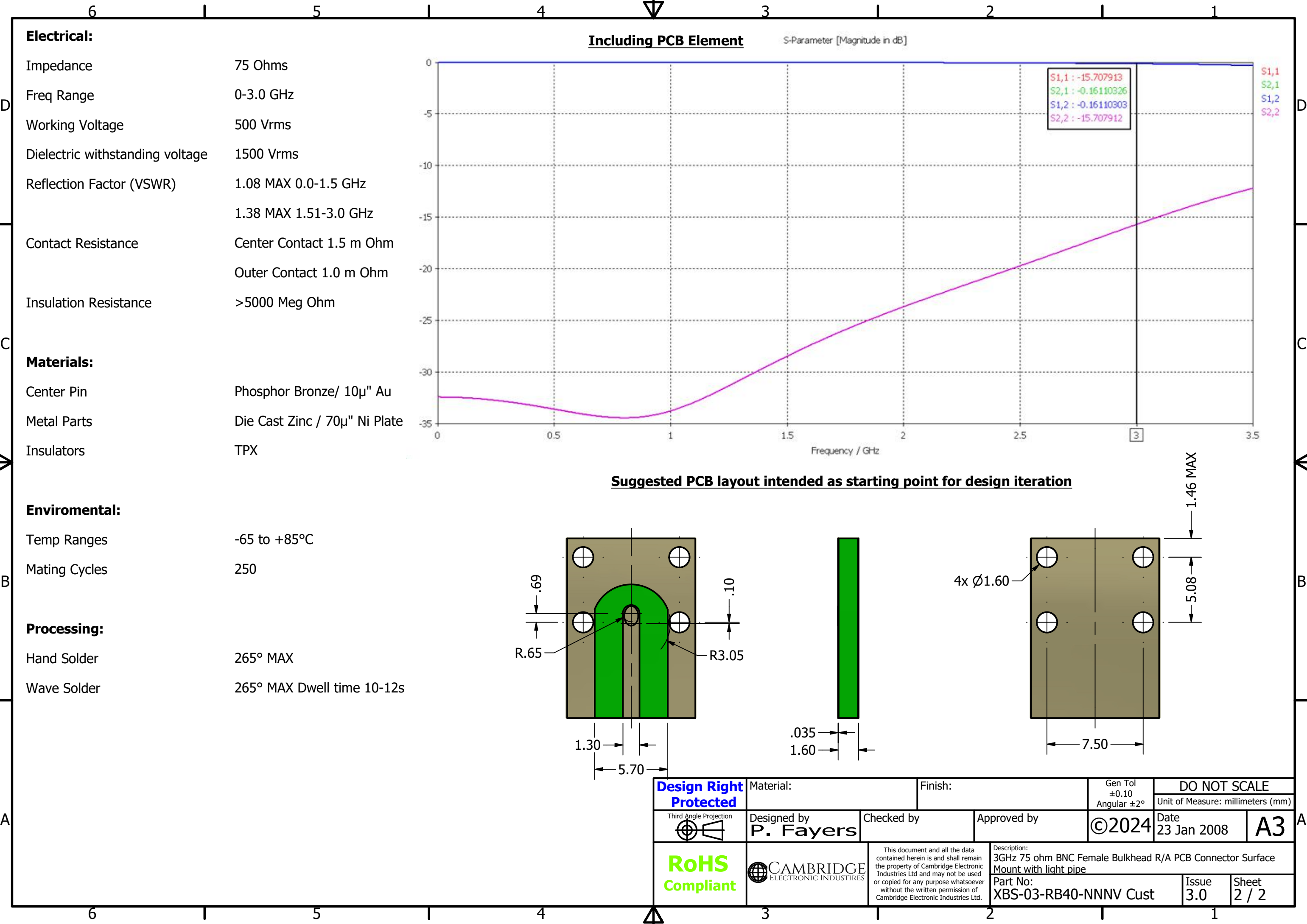




REVISION HISTORY				
REV	DESCRIPTION	CHG REF	DATE	DESIGNER
3.0	Updated P/N	FB / INT	28 Nov 2024	Peter Millard

Design Right Protected	Material:		Finish:		Gen Tol ±0.10 Angular ±2°	DO NOT SCALE	
	Designed by P. Fayers		Checked by		Approved by	©2024	Date 23 Jan 2008
RoHS Compliant	Third Angle Projection		Description: 3GHz 75 ohm BNC Female Bulkhead R/A PCB Connector Surface Mount with light pipe		Part No: XBS-03-RB40-NNNV Cust		Issue 3.0
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Electrical:

Impedance 75 Ohms

Freq Range 0-3.0 GHz

Working Voltage 500 Vrms

Dielectric withstanding voltage 1500 Vrms

Reflection Factor (VSWR) 1.08 MAX 0.0-1.5 GHz

1.38 MAX 1.51-3.0 GHz

Contact Resistance Center Contact 1.5 m Ohm

Outer Contact 1.0 m Ohm

Insulation Resistance >5000 Meg Ohm

Materials:

Center Pin Phosphor Bronze/ 10μ" Au

Metal Parts Die Cast Zinc / 70μ" Ni Plate

Insulators TPX

Enviromental:

Temp Ranges -65 to +85°C

Mating Cycles 250

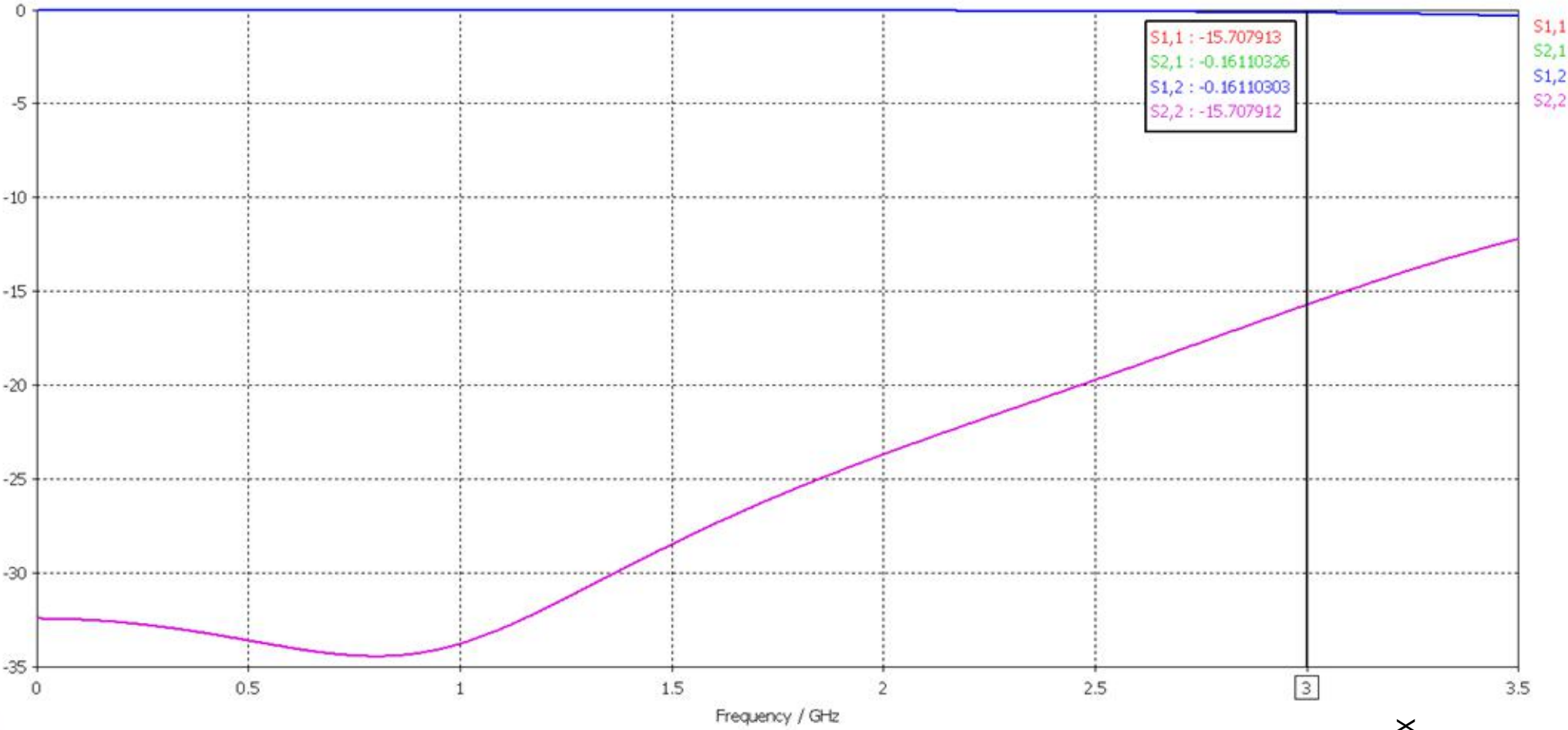
Processing:

Hand Solder 265° MAX

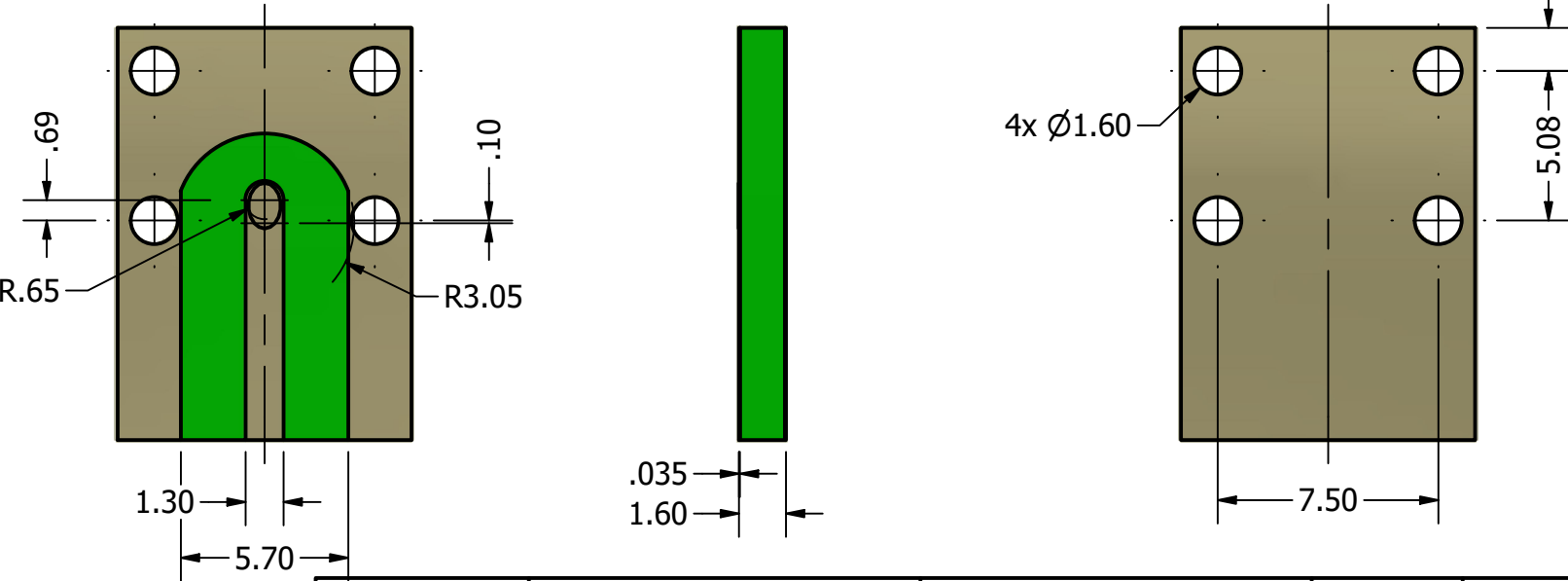
Wave Solder 265° MAX Dwell time 10-12s

Including PCB Element

S-Parameter [Magnitude in dB]



Suggested PCB layout intended as starting point for design iteration



Design Right Protected	Material:		Finish:		Gen Tol ±0.10 Angular ±2°		DO NOT SCALE		
							Unit of Measure: millimeters (mm)		
Third Angle Projection 	Designed by P. Fayers		Checked by		Approved by		©2024	Date 23 Jan 2008	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: 3GHz 75 ohm BNC Female Bulkhead R/A PCB Connector Surface Mount with light pipe				
					Part No: XBS-03-RB40-NNNV Cust		Issue 3.0	Sheet 2 / 2	

Part No:
XBS-03-RB40-NNNV Cust

Issue
3.0

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