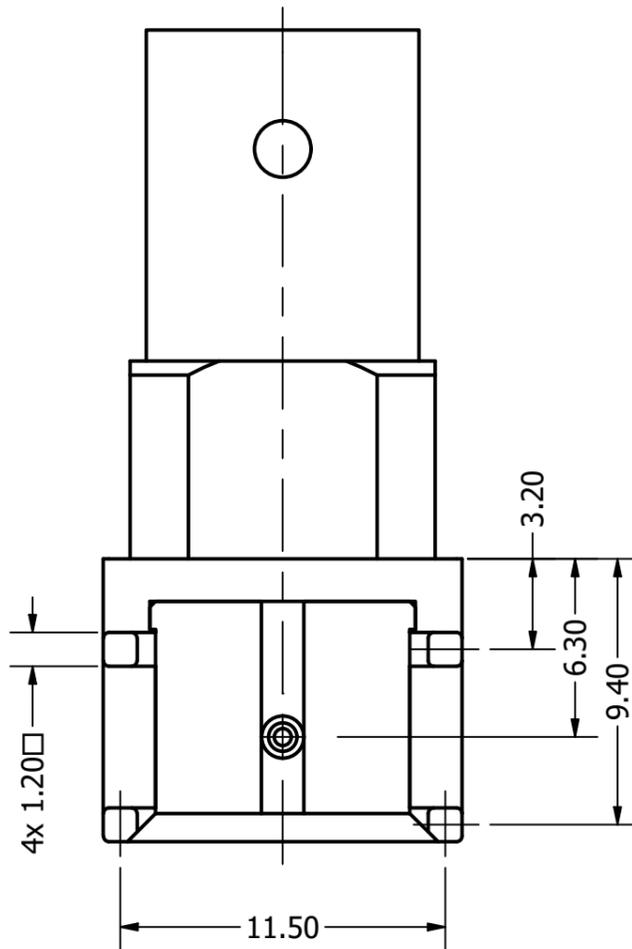


Recommended Panel Cut Out

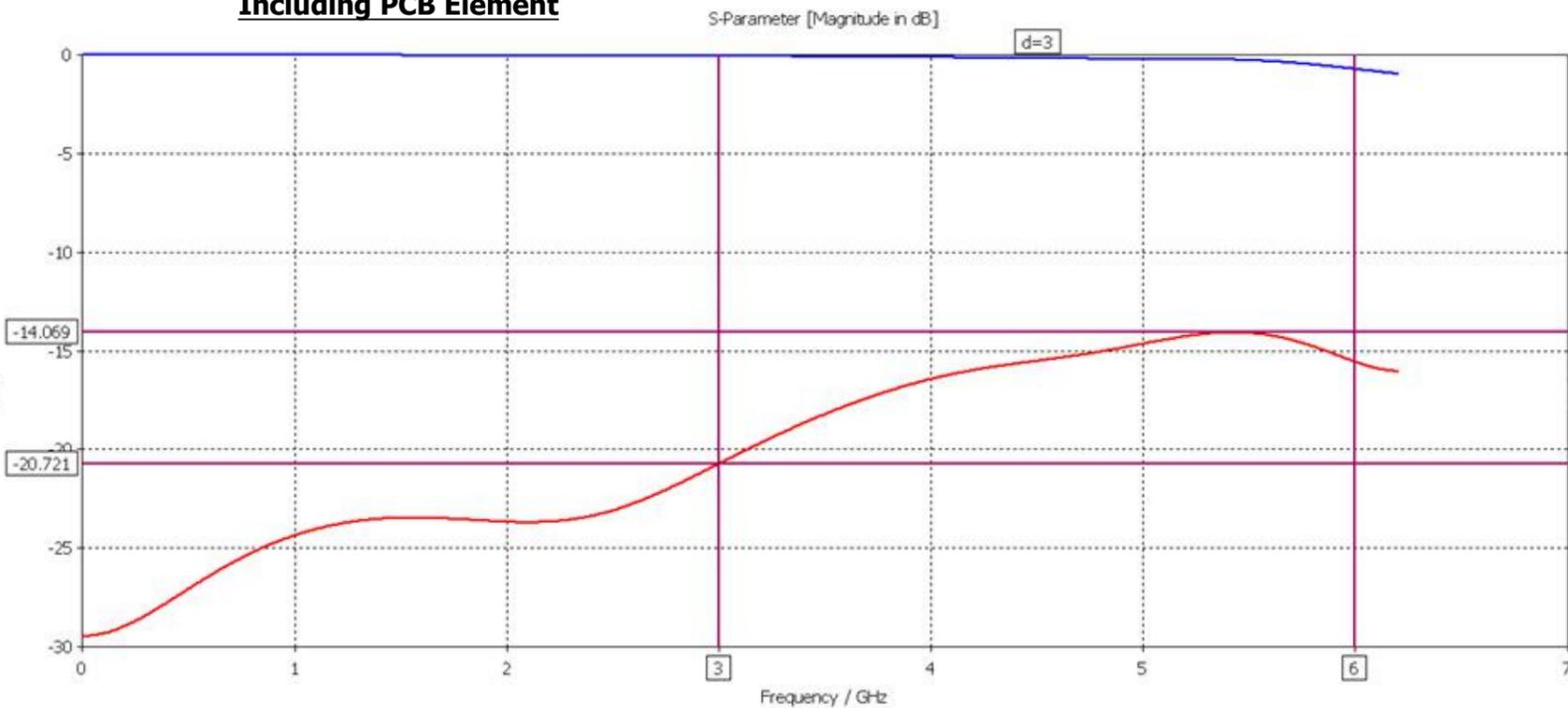


REVISION HISTORY				
REV	DESCRIPTION	CHG REF	DATE	DESIGNER
3.0	Updated P/N	FB / INT	02 Dec 2024	Peter Millard

Design Right Protected <small>Third Angle Projection</small> 	Material:	Finish:	Gen Tol ±0.10 Angular ±2°	DO NOT SCALE Unit of Measure: millimeters (mm)	
	Designed by P. Fayers	Checked by	Approved by	©2024	Date 09 Apr 2009
RoHS Compliant 	<small>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.</small>		Description: 6GHz 75 ohm BNC Female Bulkhead R/A PCB PCIe with 2.5 leg.		
			Part No: XBS-06-RB25-NNCV Cust	Issue 3.0	Sheet 1 / 2

A

Including PCB Element



Electrical:

Impedance	75 Ohms
Freq Range	0-6.0 GHz
Working Voltage	500 Vrms
Dielectric withstanding voltage	1500 Vrms
Reflection Factor (VSWR)	1.2 MAX 0.0-3.0 GHz 1.5 MAX 3.1-6.0 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

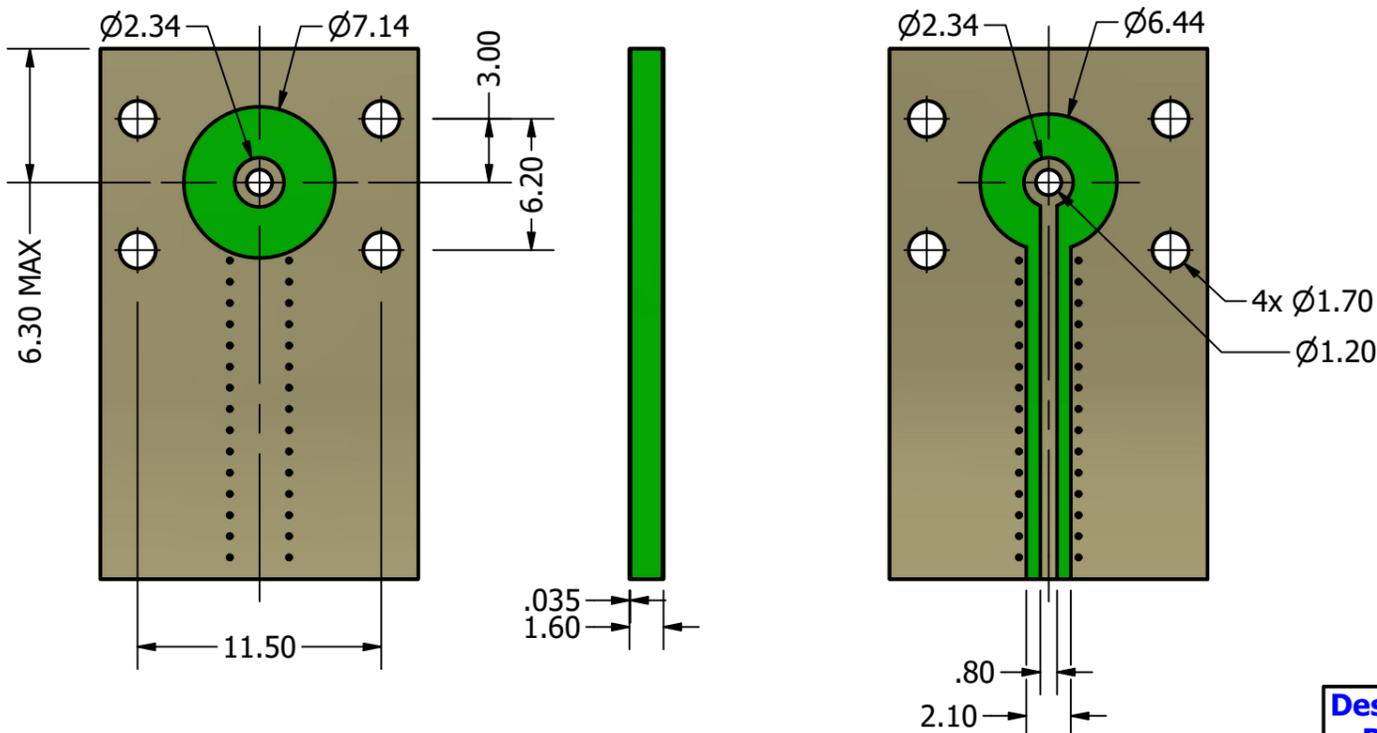
Enviromental:

Temp Ranges	-65 to +85°C
Mating Cycles	250
Vibration	MIL-STD-202 Method 204 Test Condition B
Salt Spray	MIL-STD-202 Method 101 Test Condition B

Processing:

Hand Solder	265° MAX
Wave Solder	265° MAX 10-12s Dwell Time

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)			©2024	Date 09 Apr 2009	A3
Third Angle Projection	Designed by P. Fayers	Checked by	Approved by			
RoHS Compliant	CAMBRIDGE ELECTRONIC INDUSTRIES	Description: 6GHz 75 ohm BNC Female Bulkhead R/A PCB PCIe with 2.5 leg.		Part No: XBS-06-RB25-NNCV Cust	Issue 3.0	Sheet 2 / 2
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