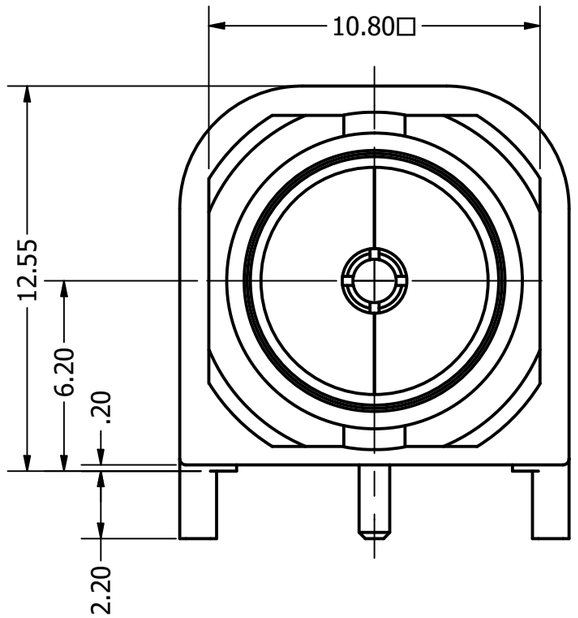
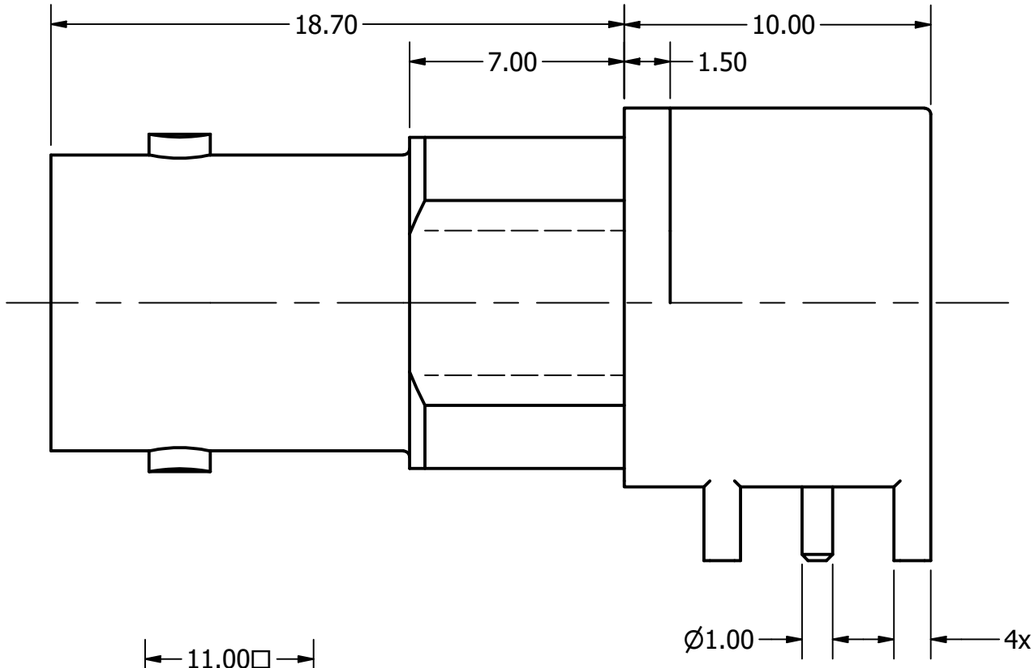
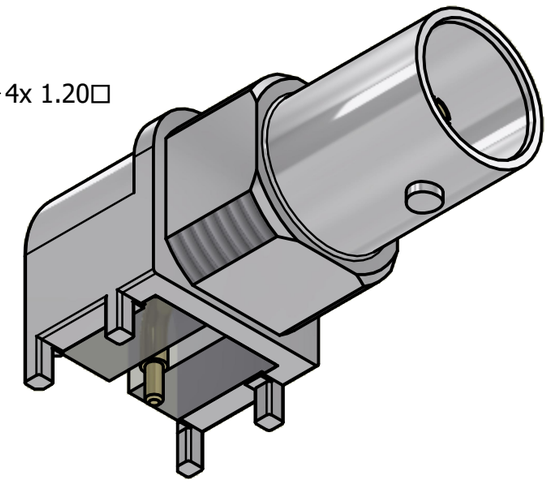
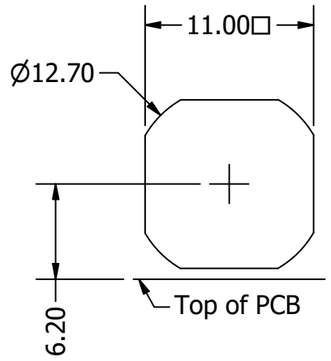
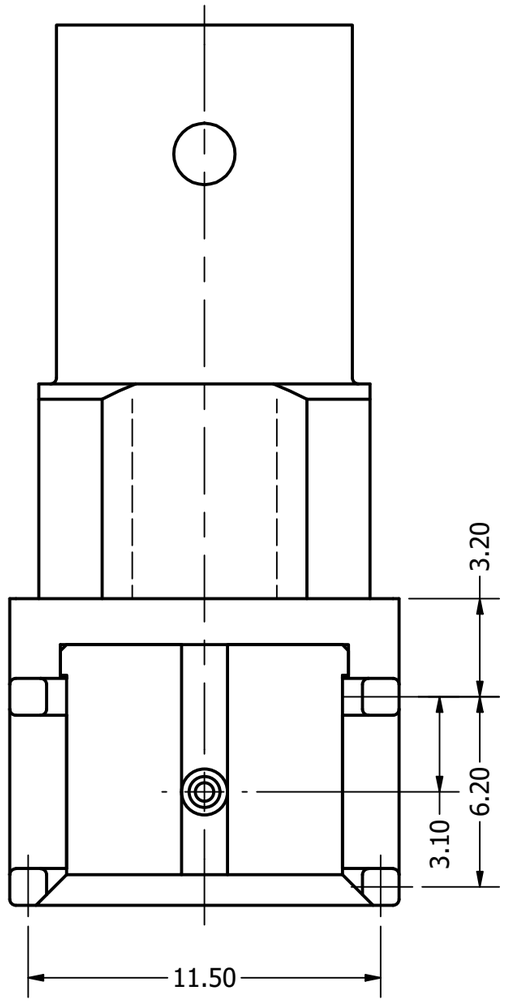








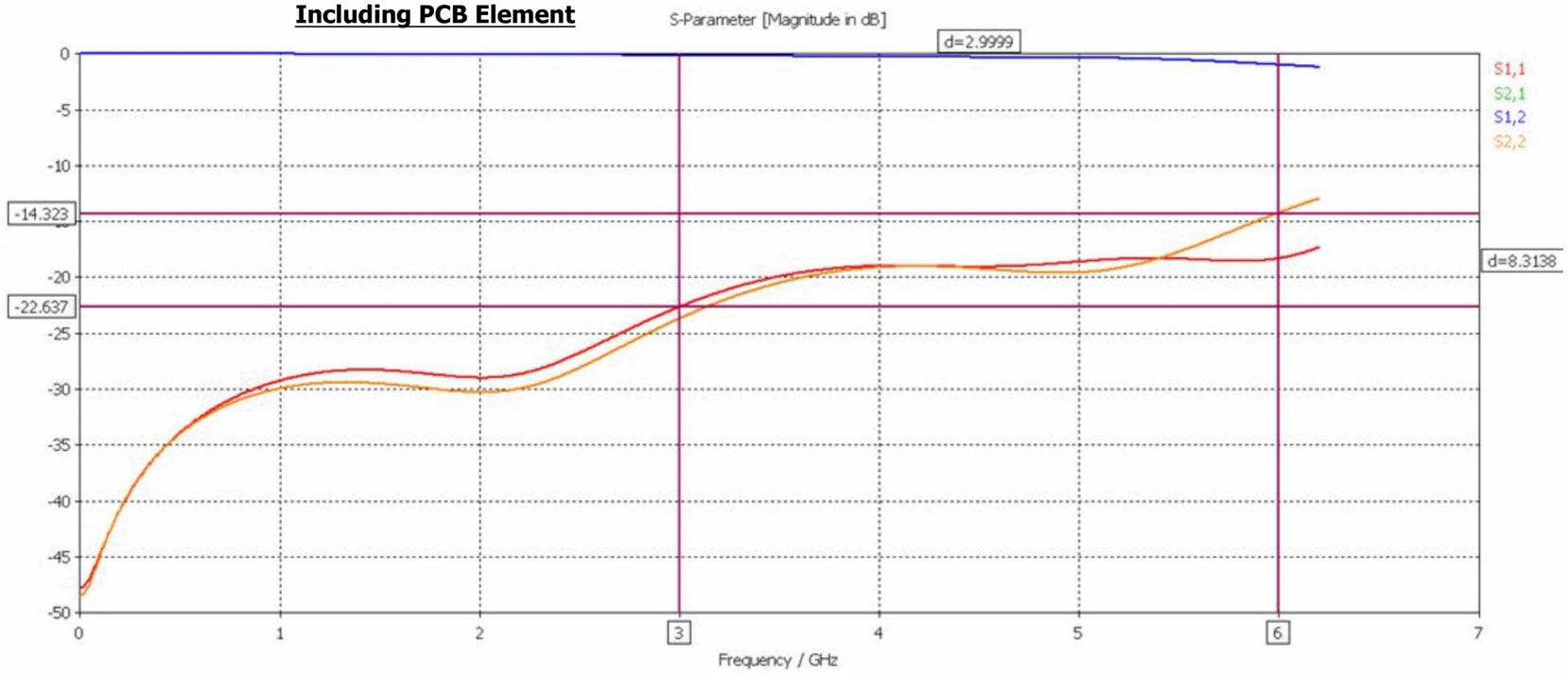
Recommended Panel Cut Out



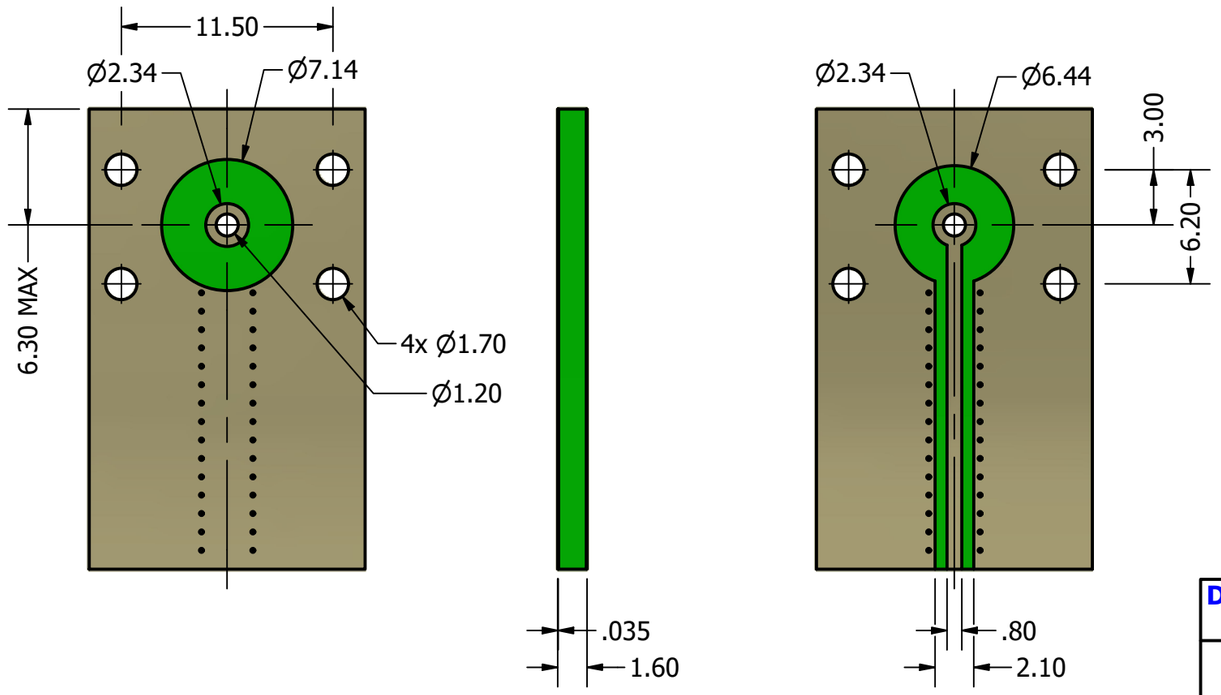
REVISION HISTORY				
REV	DESCRIPTION	CHG REF	DATE	DESIGNER
3.0	Updated P/N	FB / INT	28 Nov 2024	Peter Millard

Design Right Protected	Material:	Finish:	Gen Tol ±0.10 Angular ±2°	DO NOT SCALE		
Third Angle Projection	Designed by P. Fayers	Checked by	Approved by	©2024	Date 03 Feb 2015	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: 6GHz 75 ohm BNC Female Bulkhead R/A PCB PCIe with 2.2 leg			
			Part No: XBS-06-RB22-NNV Cust	Issue 3.0	Sheet 1 / 2	

Including PCB Element



Suggested PCB layout intended as starting point for design iteration



Electrical:

Impedance	75 Ohms
Freq Range	0-6.0 GHz
Working Voltage	500 Vrms
Dielectric withstanding voltage	1500 Vrms
Reflection Factor (VSWR)	1.16 MAX 0.0-3.0 GHz
	1.49 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	Phosphore 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 10-12s Dwell Time

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 03 Feb 2015	A3
RoHS Compliant	CAMBRIDGE ELECTRONIC INDUSTIRES		Description: 6GHz 75 ohm BNC Female Bulkhead R/A PCB PCIe with 2.2 leg			
			Part No: XBS-06-RB22-NNV Cust	Issue 3.0	Sheet 2 / 2	