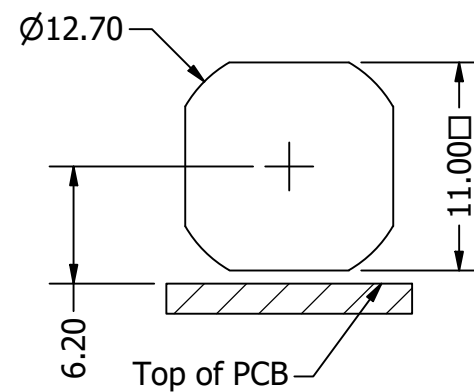
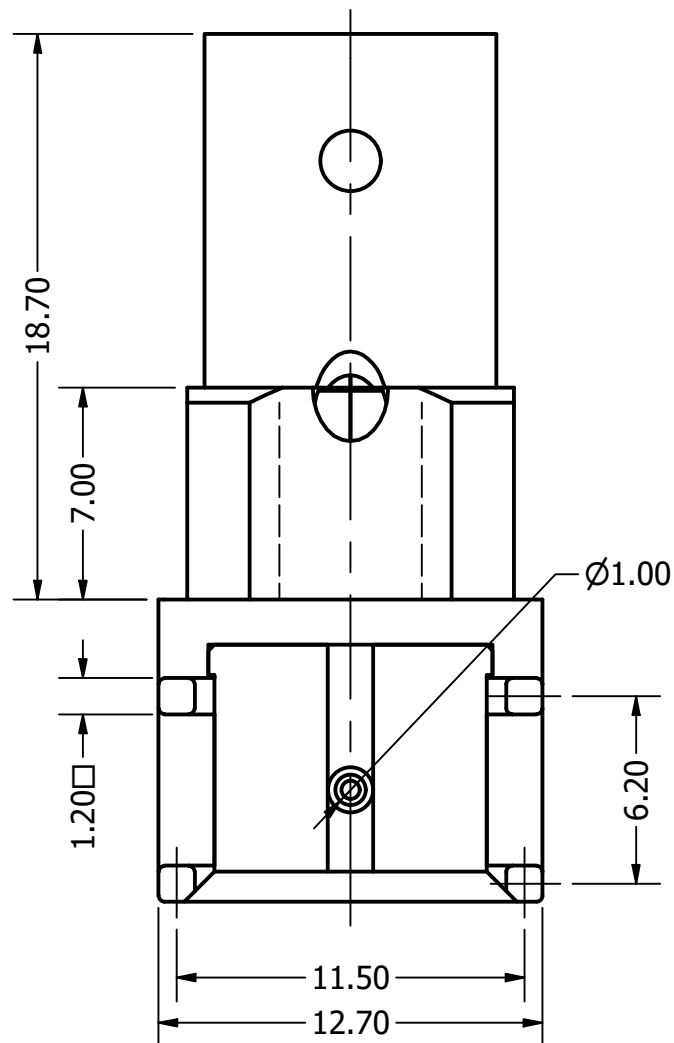
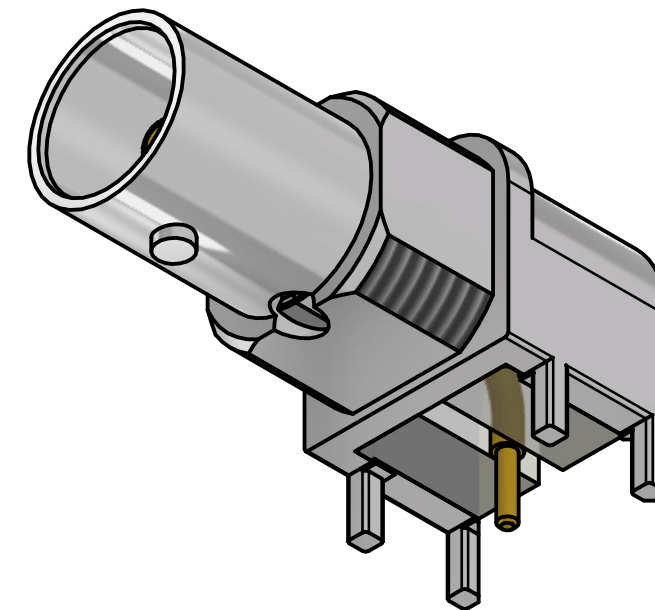
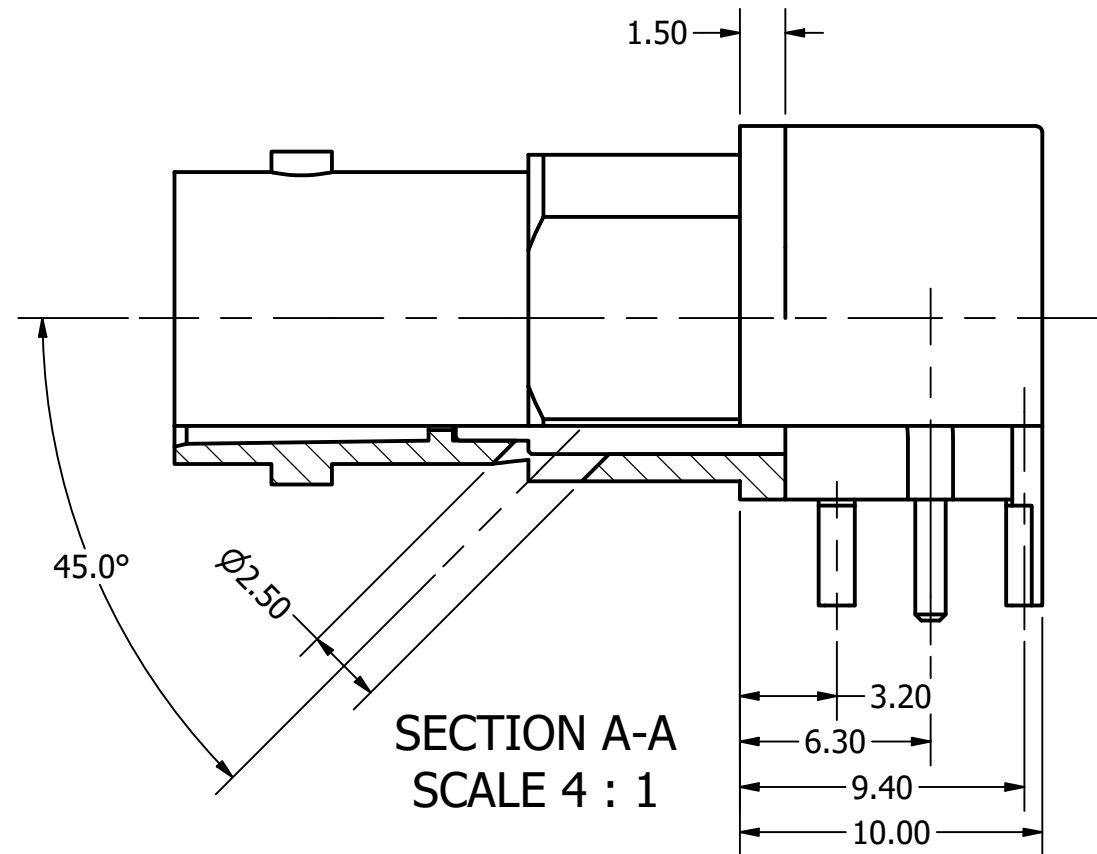
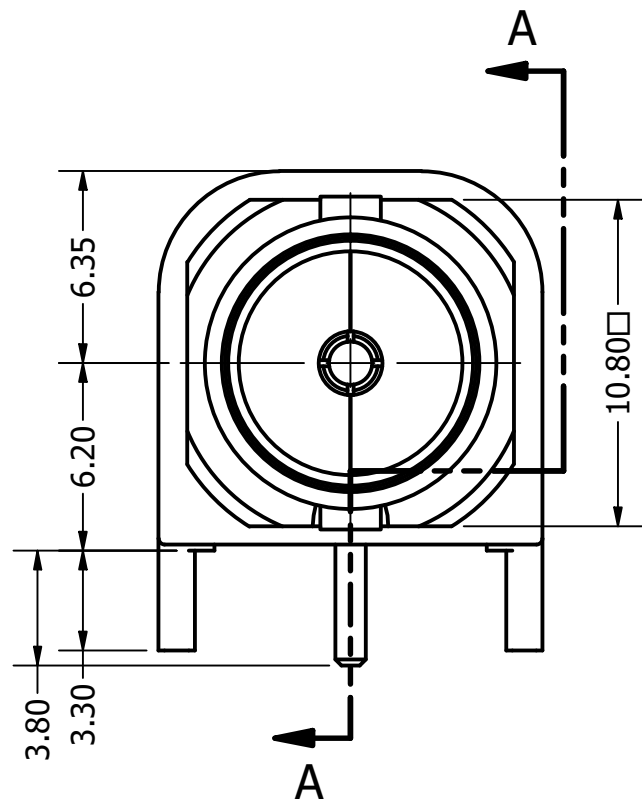




Recommended Panel Cut Out

REVISION HISTORY				
REV	DESCRIPTION	CHG REF	DATE	DESIGNER
3.0	Updated P/N	FB / INT	20 Feb 2025	Peter Millard
3.1	Updated INS drawing for clarity	FB / INT	15 Apr 2025	Peter Millard
3.2	Clarified contact dimension	FB / INT	21/08/2025	Martin Smith

Design Right Protected Third Angle Projection	Material:		Finish:		Gen Tol ±0.10 Angular ±2°	DO NOT SCALE	
	Designed by P. Fayers		Checked by P. Fayers		Approved by P. Fayers	©2024	Unit of Measure: millimeters (mm)
RoHS Compliant	Description: 75Ω BNC Socket 3GHz Right Angle Bulkhead, 3.3mm Leg with Pathfinder & Bottom Viewport		Part No: XBS-03-RB33-NNB Cust		Date 06 Aug 2012		A3
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Electrical:

Impedance	75 Ohms
Freq Range	0-12.0 GHz
Working Voltage	500 Vrms
Dielectric withstanding voltage	1500 Vrms
Reflection Factor (VSWR)	1.06 MAX 0.00-1.50 GHz 1.20 MAX 1.51-3.20 GHz
Contact Resistance	Center Contact 1.5 m Ohm Outer Contact 1.0 m Ohm
Insulation Resistance	>5000 Meg Ohm

Materials:

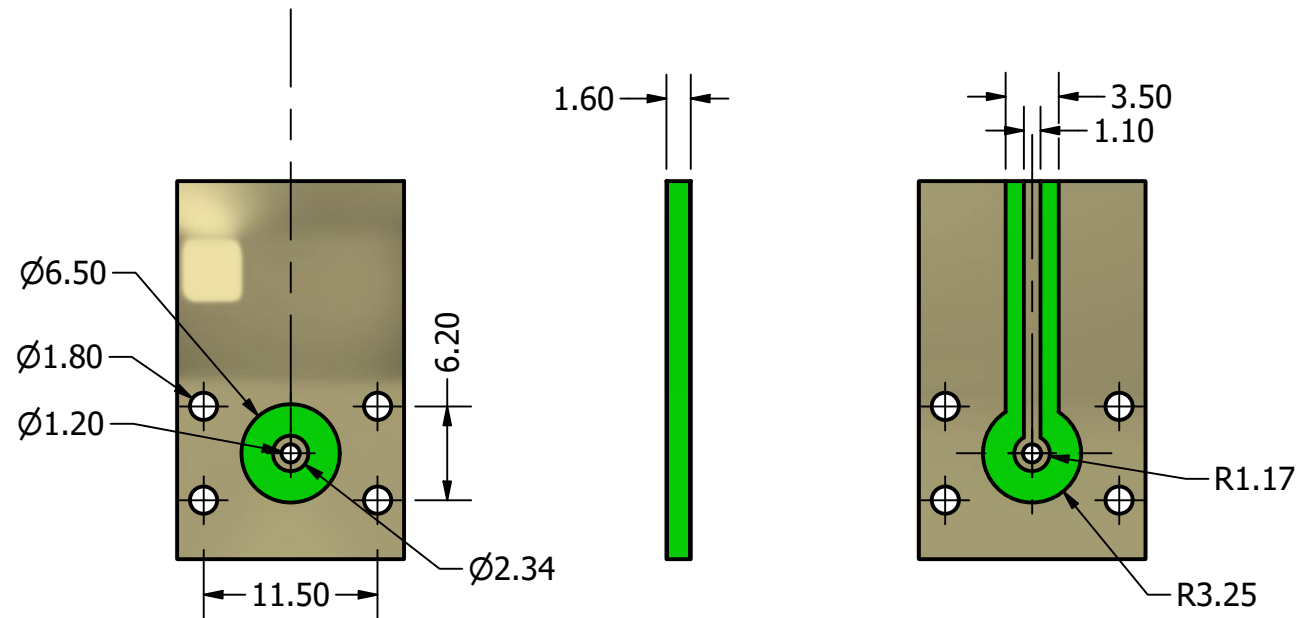
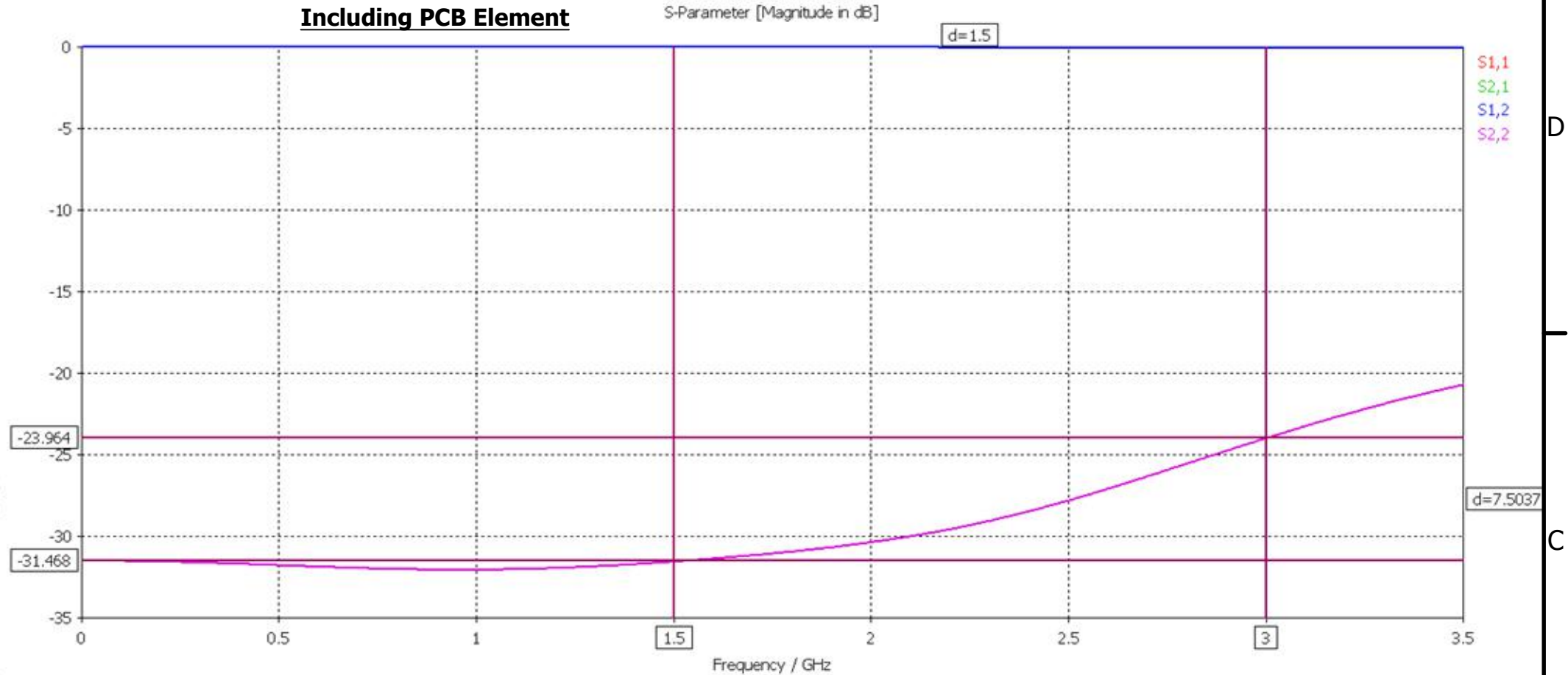
Center Pin	Phosphor Bronze / 10μ" Au
Metal Parts	Die Cast Zinc / 70μ" Ni Plate
Insulators	UL94HB TPX

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	
Wave Solder	265° MAX 10-12s dwell time



Suggested PCB layout intended as starting point for design iteration

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