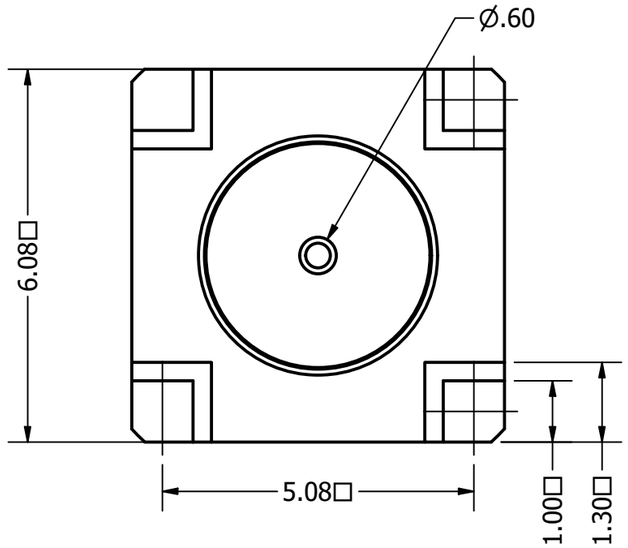
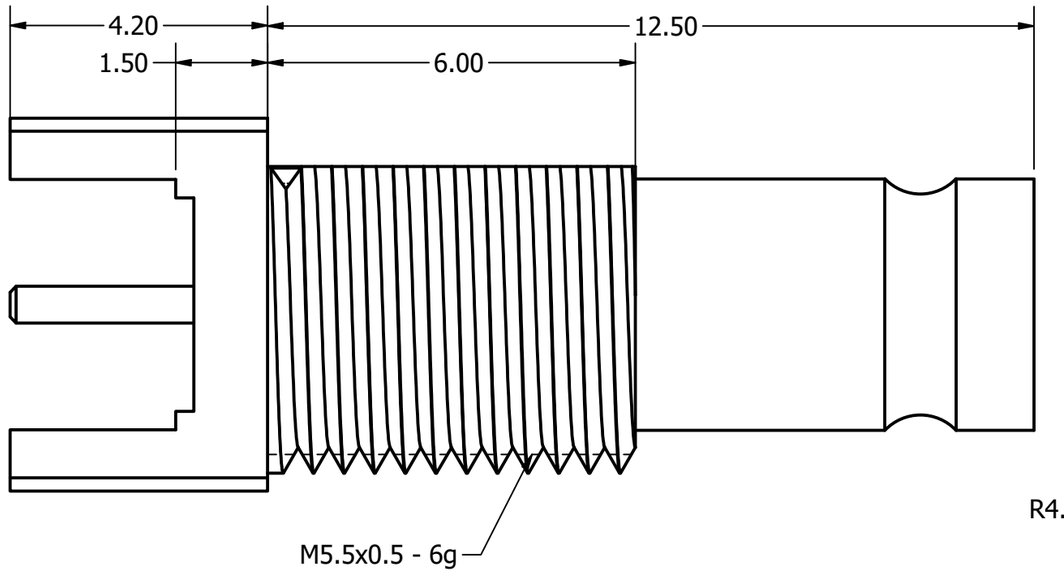
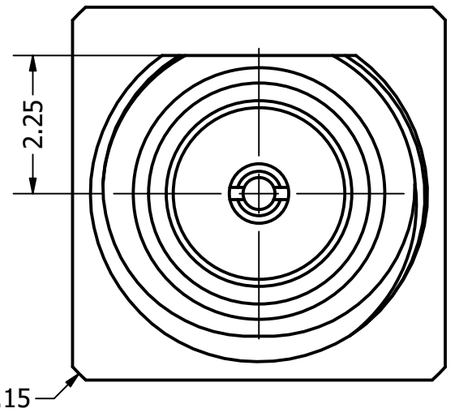
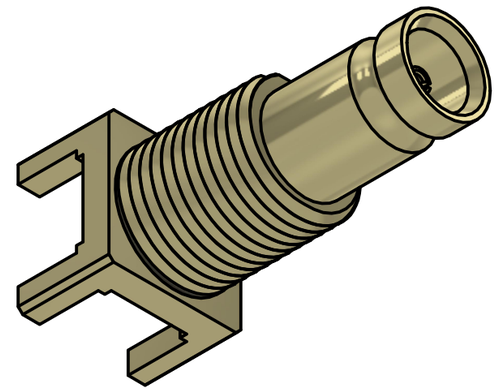
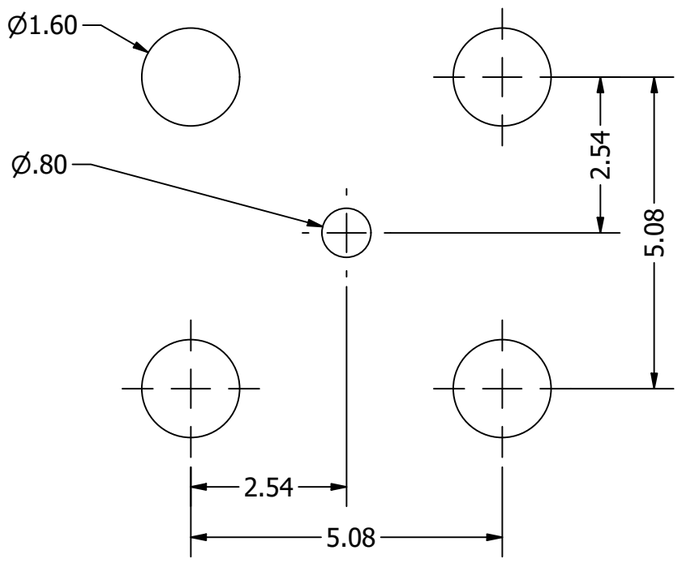


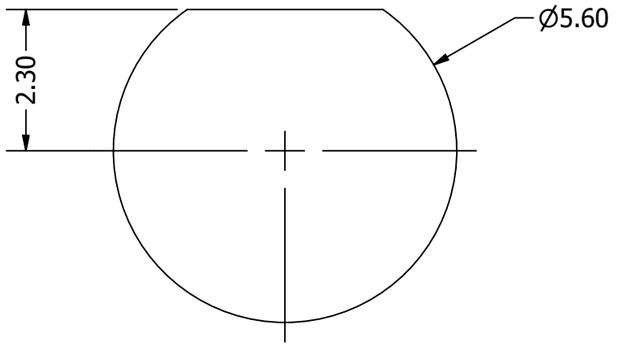








PCB Layout



Panel
Cut out

REVISION HISTORY				
REV	DESCRIPTION	CHG REF	DATE	DESIGNER
1.0	Origin	-	06 Mar 2024	Peter Millard
1.1	Body plating to Flash	F/B INT	27 Jun 2024	Peter Millard

Design Right Protected	Material:	Finish:	Gen Tol ±0.10	DO NOT SCALE	
Third Angle Projection	Designed by Peter Millard	Checked by	Approved by	©2024	Date 06 Mar 2024	A3
RoHS Compliant	CAMBRIDGE ELECTRONIC INDUSTIRES		Description: 6GHz 75 ohm 1.0/2.3 Female Bulkhead Top Entry Square Base Connector		
			Part No: XGS-06-TB27-GG Cust	Issue 1.1	Sheet 1 / 2

Electrical:

Impedance	75 Ohms
Freq Range	0-6.0 GHz
Working Voltage	250 Vrms
Dielectric withstanding voltage	>750 Vrms
Reflection Factor (VSWR)	1.00 Max 0.0-3.0 GHz
	1.01 Max 3.1-6.0 GHz
Contact Resistance	Center Contact 4.0 m Ohm
	Outer Contact 1.3 m Ohm
Insulation Resistance	> 1000 Meg Ohm

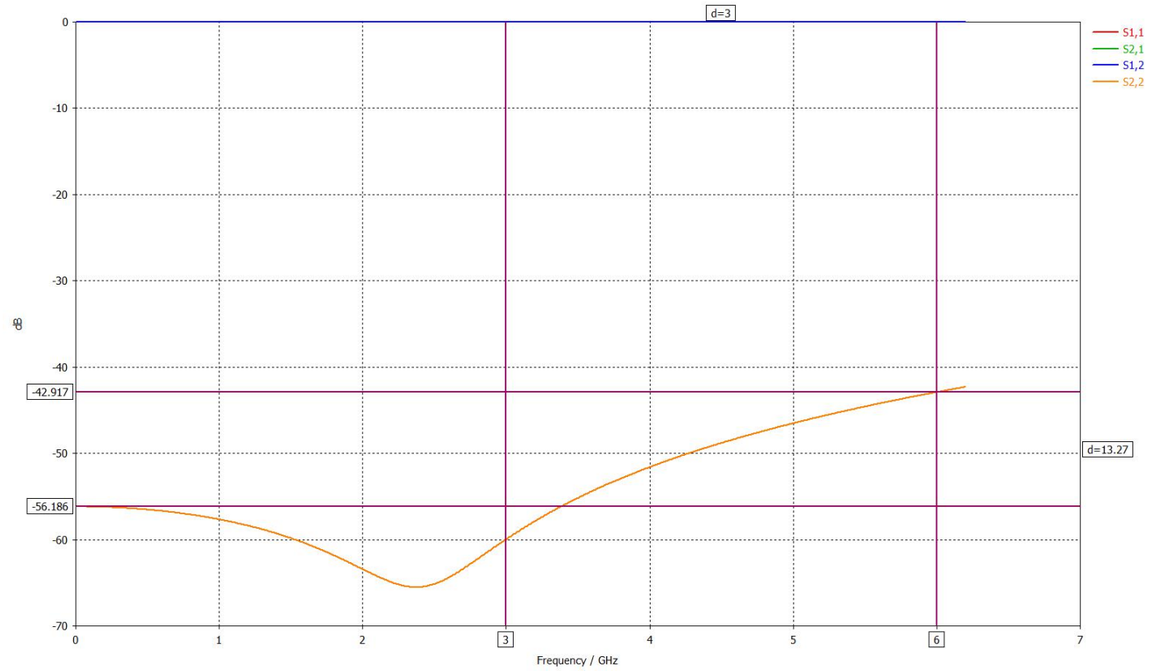
Materials:

Center Pin	BeCu/10µ Au
Metal Parts	Brass / Au
Insulators	PTFE

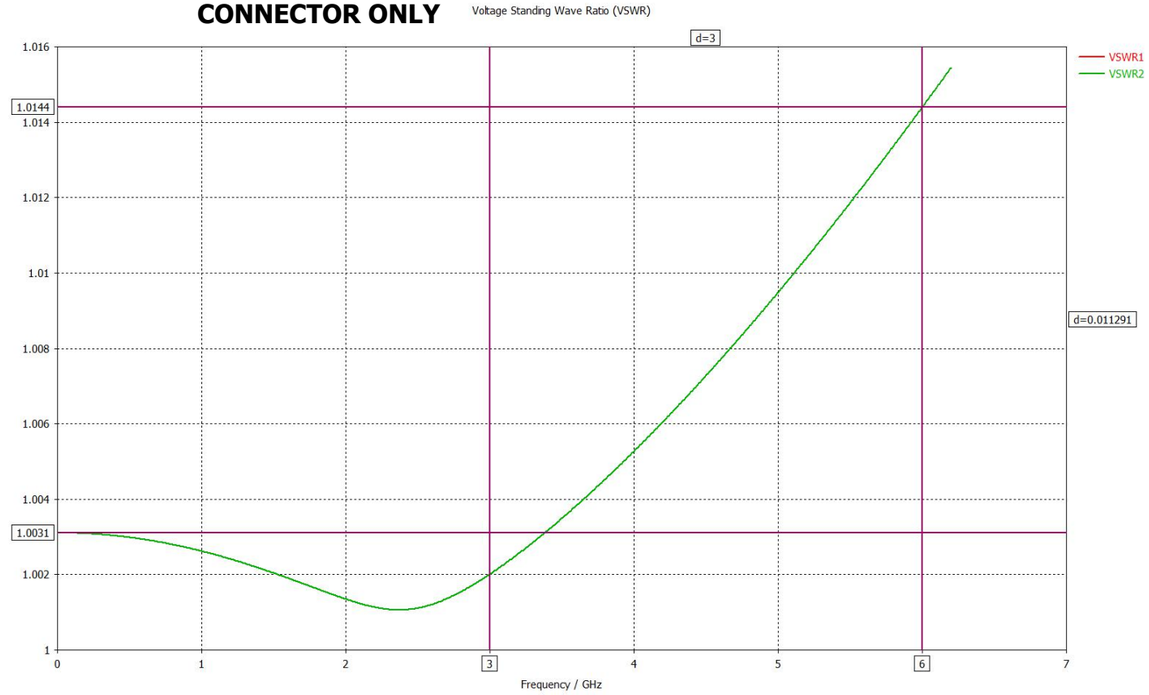
Enviromental:

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

CONNECTOR ONLY S-Parameters [Magnitude]



CONNECTOR ONLY Voltage Standing Wave Ratio (VSWR)



Design Right Protected	Material:	Finish:	Gen Tol ±0.10	DO NOT SCALE	
Third Angle Projection	Designed by Peter Millard	Checked by	Approved by	©2024	Unit of Measure: millimeters (mm) Date 06 Mar 2024 A3
RoHS Compliant	CAMBRIDGE ELECTRONIC INDUSTRIES		Description: 6GHz 75 ohm 1.0/2.3 Female Bulkhead Top Entry Square Base Connector	Part No: XGS-06-TB27-GG Cust	Issue 1.1 / Sheet 2 / 2