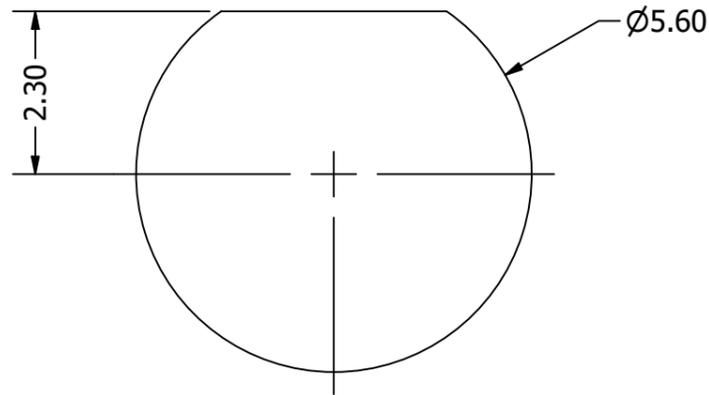
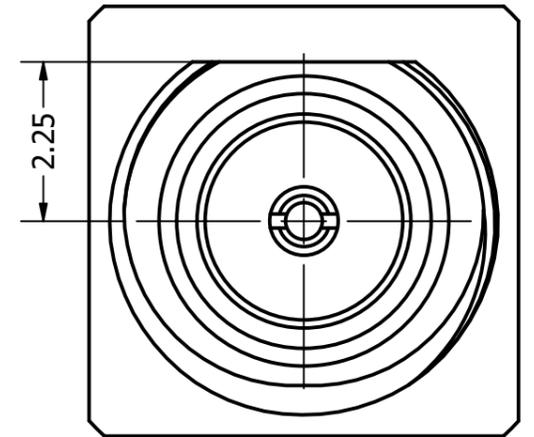
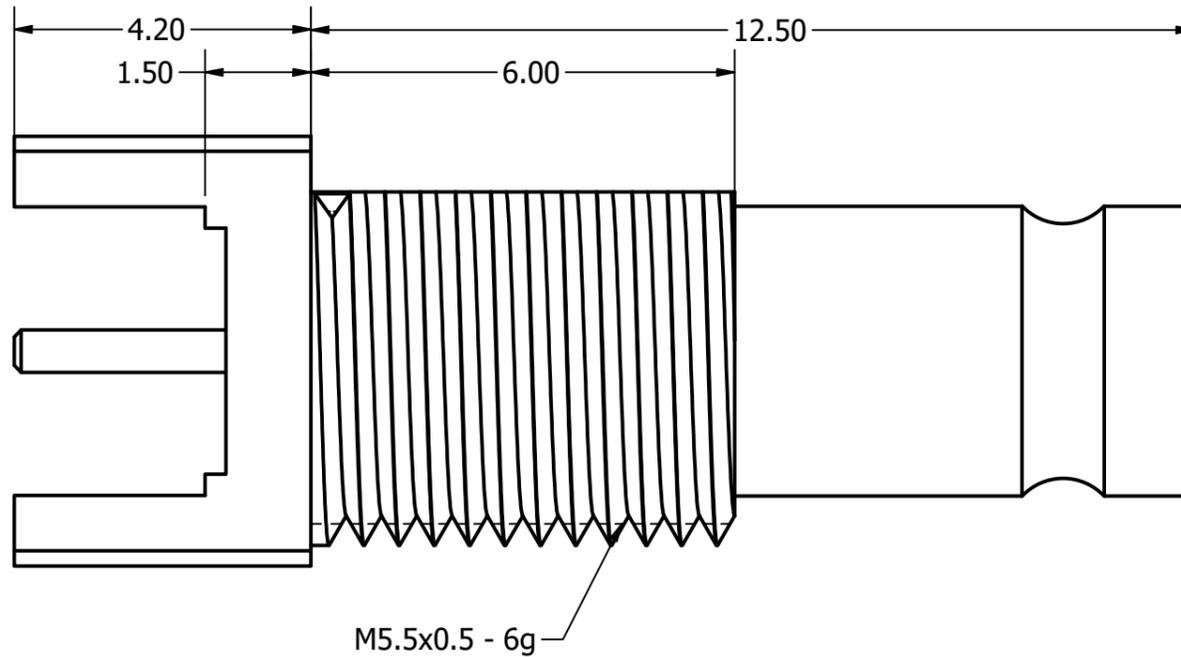
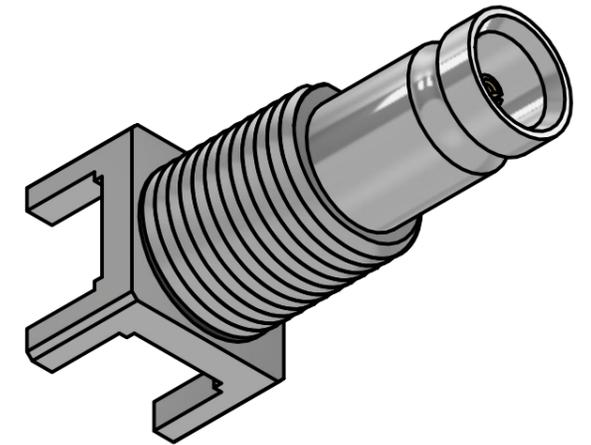


Recommended PCB Footprint



Recommended Panel Cut Out

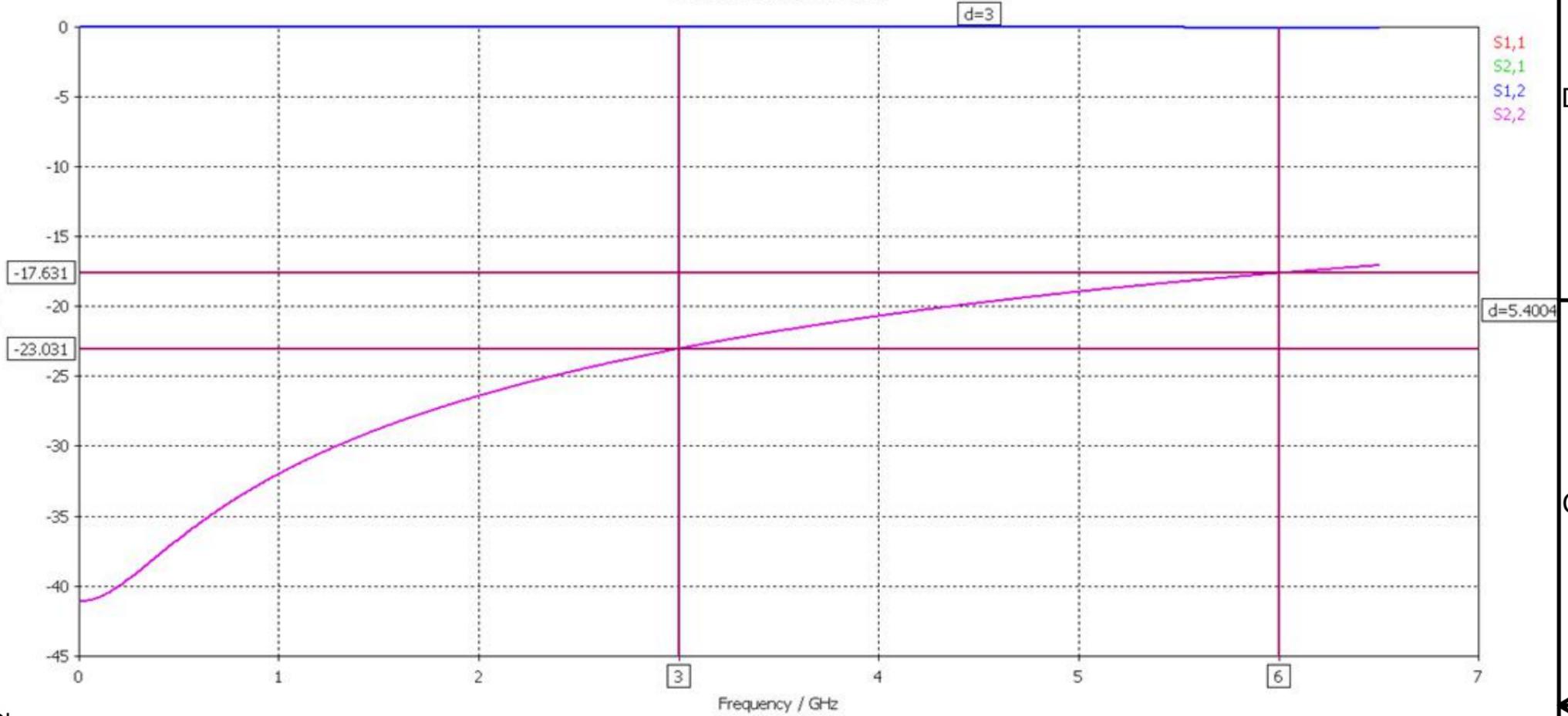


REVISION HISTORY			
REV	DESCRIPTION	DATE	DESIGNER
3.0	Updated P/N	09 Jul 2024	Peter Millard
3.1	Updated Body dimentions	08 Sep 2025	Peter Millard

Design Right Protected <small>Third Angle Projection</small> 	Material:	Finish:	Gen Tol ±0.10 Angular ±2°	DO NOT SCALE	
	Designed by P. Fayers	Checked by	Approved by	©2024	Date 12 Jul 2012
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 1.0/2.3 Female Bulkhead Top Entry	
		Part No: XGS-06-TB27-NN Cust		Issue 3.1	Sheet 1 / 2

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Connector ONLY S-Parameter [Magnitude in dB]



Electrical:

Impedance 75 Ohms
 Freq Range 0-6.0 GHz
 Working Voltage 250 Vrms
 Dielectric withstanding voltage >750 Vrms
 Reflection Factor (VSWR) 1.15 Max 0.0-3.0 GHz
 1.29 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 / Ni
 Insulators PTFE

Enviromental:

Temp Ranges: -65 to +85°C
 Mating Cycles: 500
 Vibration: MIL-STD-202 Method 204 test condition B
 Salt Spray: MIL-STD-202 Method 101test condition B

Design Right Protected	Material:	Finish:	Gen Tol ±0.10 Angular ±2°	DO NOT SCALE		
	Unit of Measure: millimeters (mm)		©2024	Date 12 Jul 2012	A3	
Third Angle Projection	Designed by P. Fayers	Checked by	Approved by	Description: 6GHz 75 ohm 1.0/2.3 Female Bulkhead Top Entry		
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.		Part No: XGS-06-TB27-NN Cust	Issue 3.1	Sheet 2 / 2