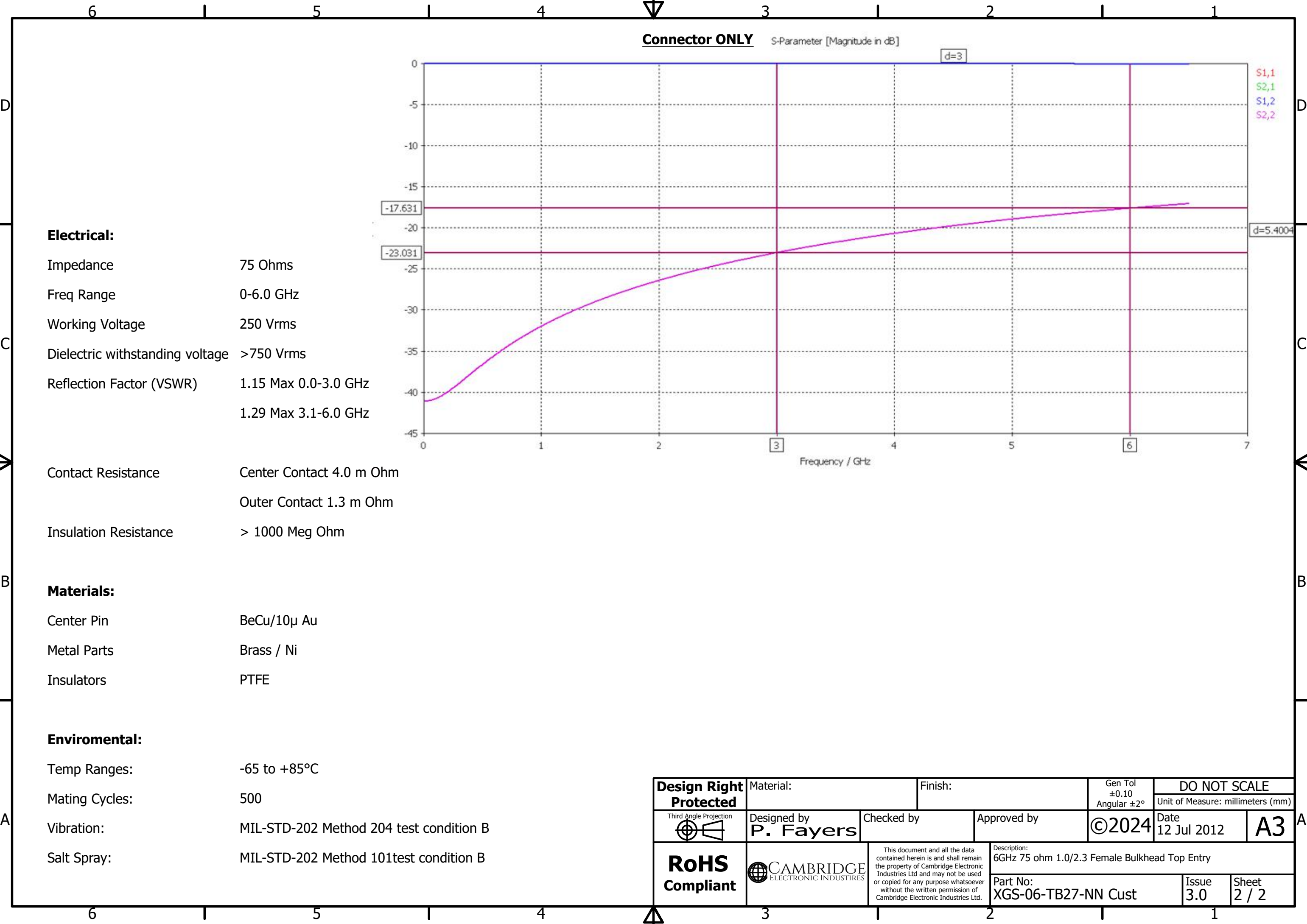


Recommended PCB Footprint

Recommended Panel Cut Out

REVISION HISTORY			
REV	DESCRIPTION	DATE	DESIGNER
3.0	Updated P/N	09 Jul 2024	Peter Millard

Design Right Protected	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	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 1.0/2.3 Female Bulkhead Top Entry		
			Part No: XGS-06-TB27-NN Cust		Issue 3.0		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) 1.15 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	
	Designed by P. Fayers		Checked by		Approved by	©2024	Unit of Measure: millimeters (mm)
Third Angle Projection	Description: 6GHz 75 ohm 1.0/2.3 Female Bulkhead Top Entry		Part No: XGS-06-TB27-NN Cust		Issue 3.0		Sheet 2 / 2
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