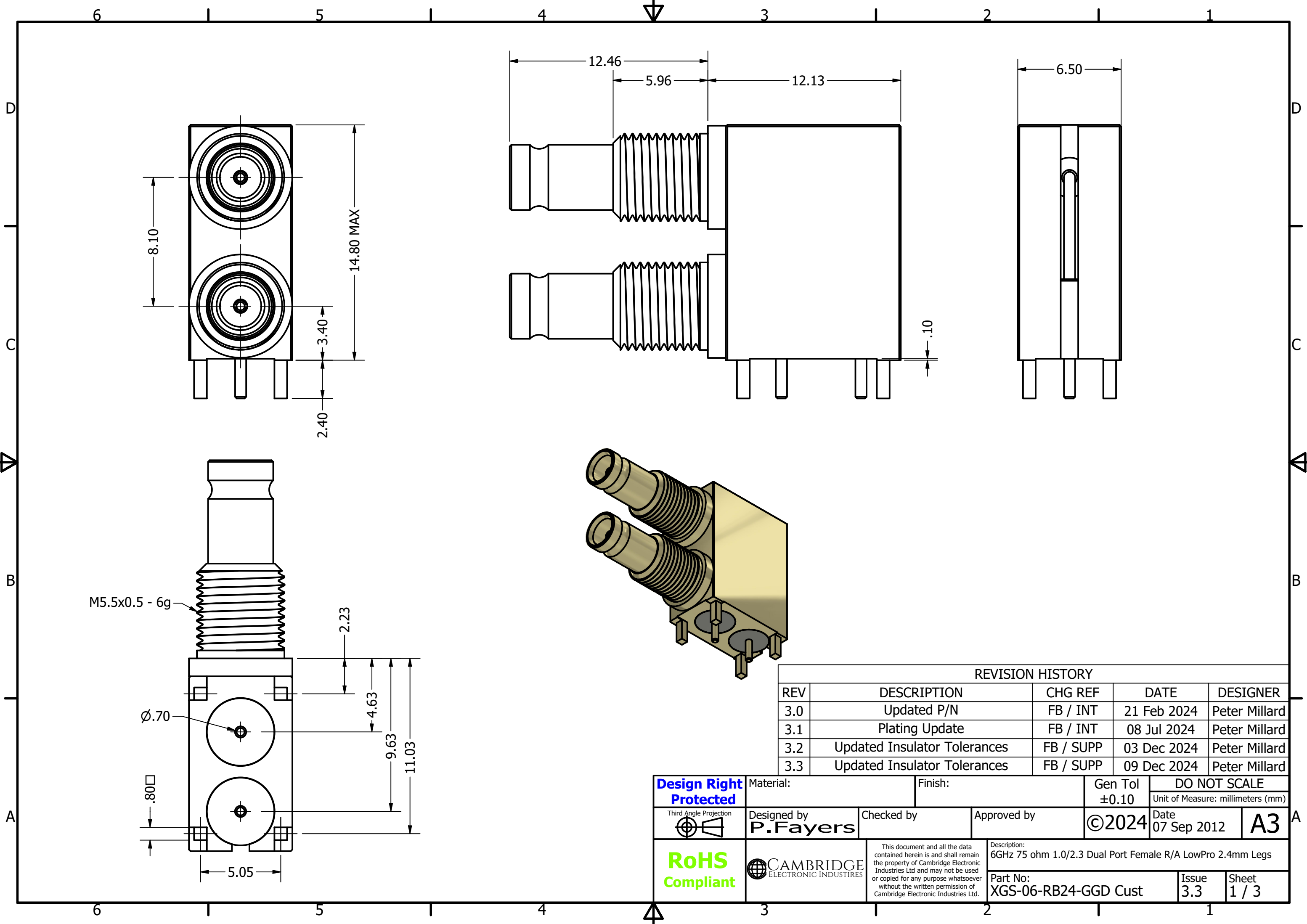
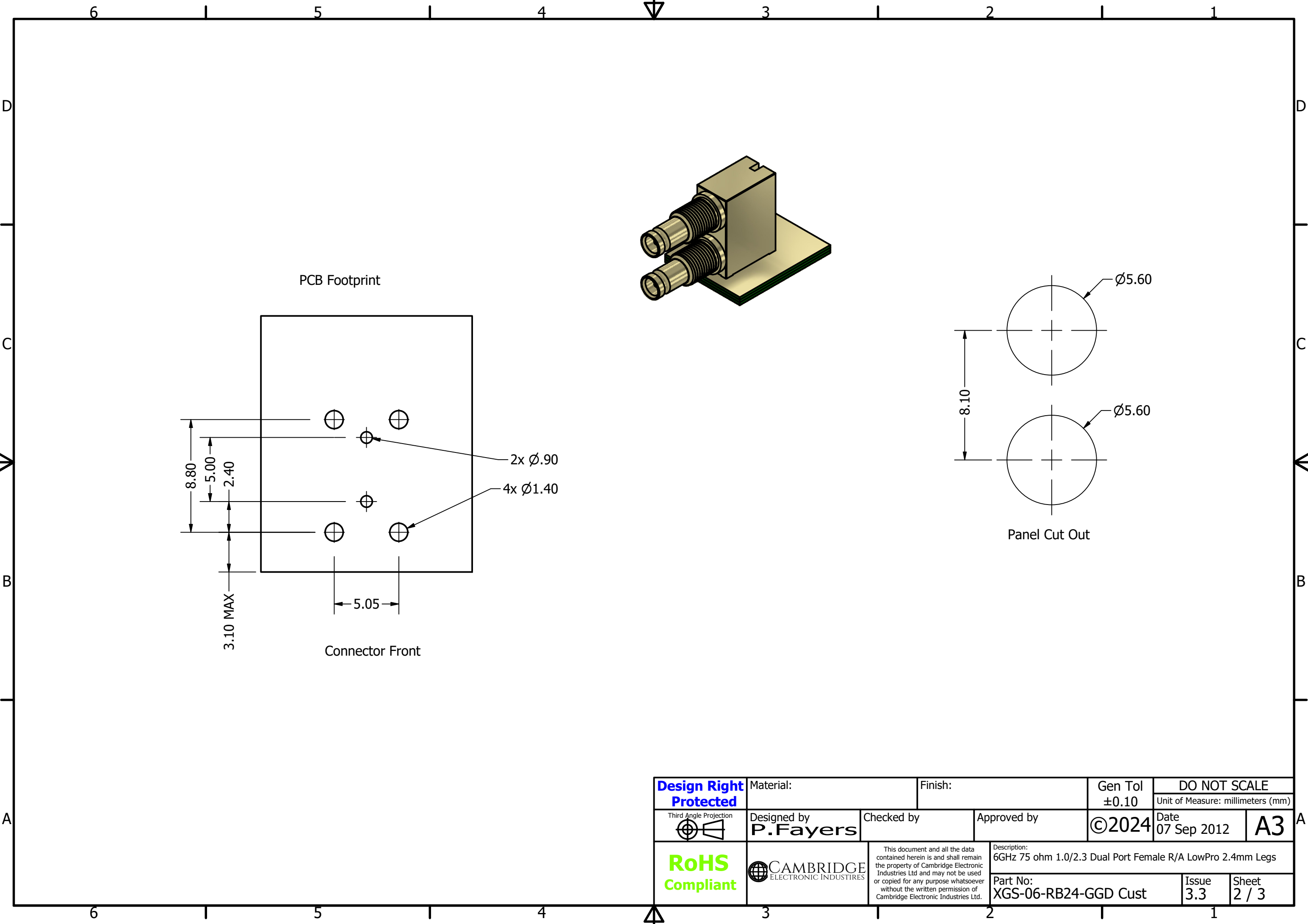


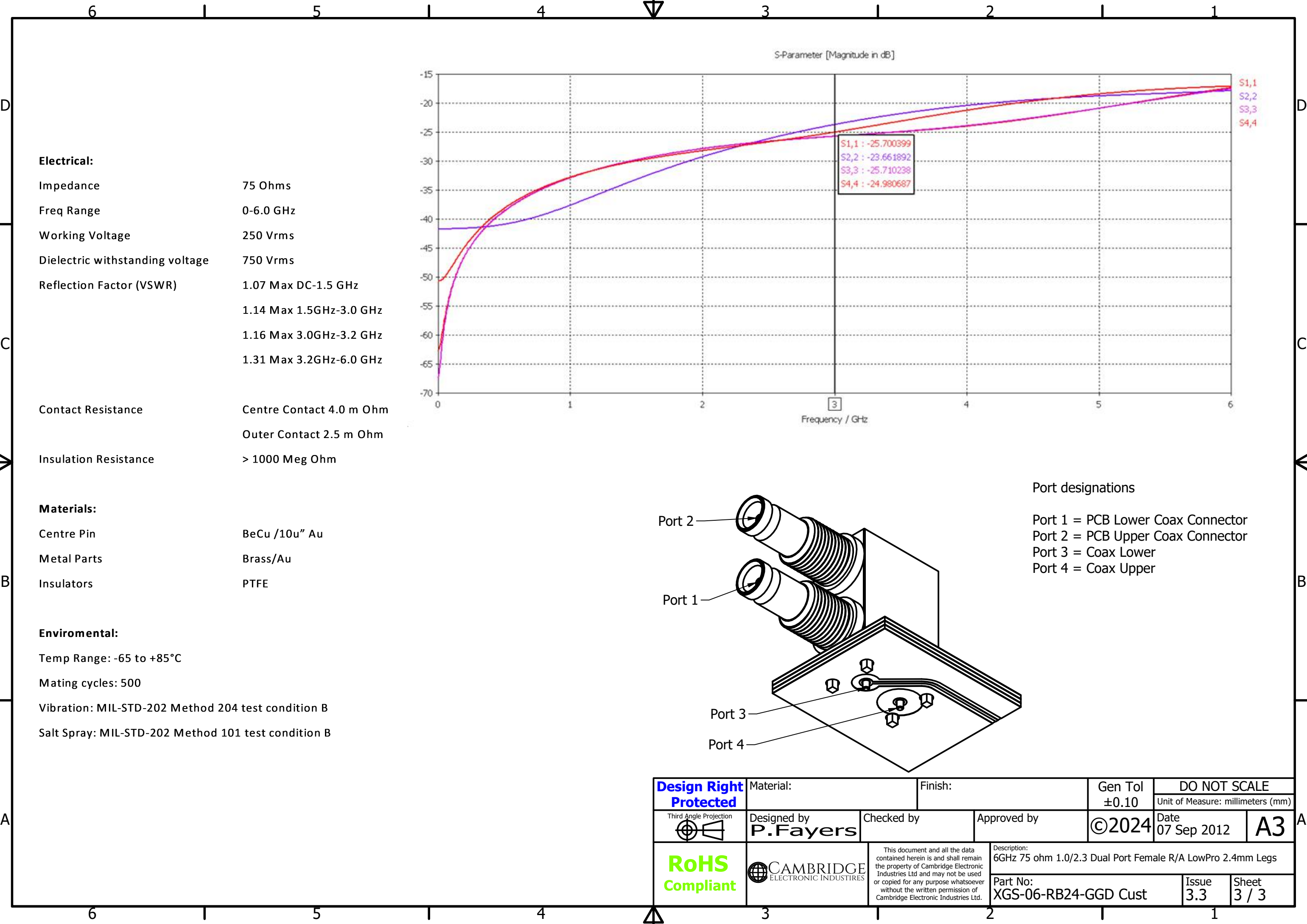


REVISION HISTORY				
REV	DESCRIPTION	CHG REF	DATE	DESIGNER
3.0	Updated P/N	FB / INT	21 Feb 2024	Peter Millard
3.1	Plating Update	FB / INT	08 Jul 2024	Peter Millard
3.2	Updated Insulator Tolerances	FB / SUPP	03 Dec 2024	Peter Millard
3.3	Updated Insulator Tolerances	FB / SUPP	09 Dec 2024	Peter Millard

Design Right Protected	Material:		Finish:		Gen Tol ±0.10	DO NOT SCALE	
						Unit of Measure: millimeters (mm)	
Third Angle Projection 	Designed by P.Fayers	Checked by	Approved by		©2024	Date 07 Sep 2012	A3
RoHS Compliant		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 Dual Port Female R/A LowPro 2.4mm Legs				
			Part No: XGS-06-RB24-GGD Cust			Issue 3.3	Sheet 1 / 3



Design Right Protected	Material:		Finish:		Gen Tol ±0.10	DO NOT SCALE	
						Unit of Measure: millimeters (mm)	
Third Angle Projection 	Designed by P.Fayers	Checked by		Approved by	©2024	Date 07 Sep 2012	A3
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				Part No: XGS-06-RB24-GGD Cust		Issue 3.3	Sheet 2 / 3



Electrical:

Impedance	75 Ohms
Freq Range	0-6.0 GHz
Working Voltage	250 Vrms
Dielectric withstanding voltage	750 Vrms
Reflection Factor (VSWR)	1.07 Max DC-1.5 GHz
	1.14 Max 1.5GHz-3.0 GHz
	1.16 Max 3.0GHz-3.2 GHz
	1.31 Max 3.2GHz-6.0 GHz

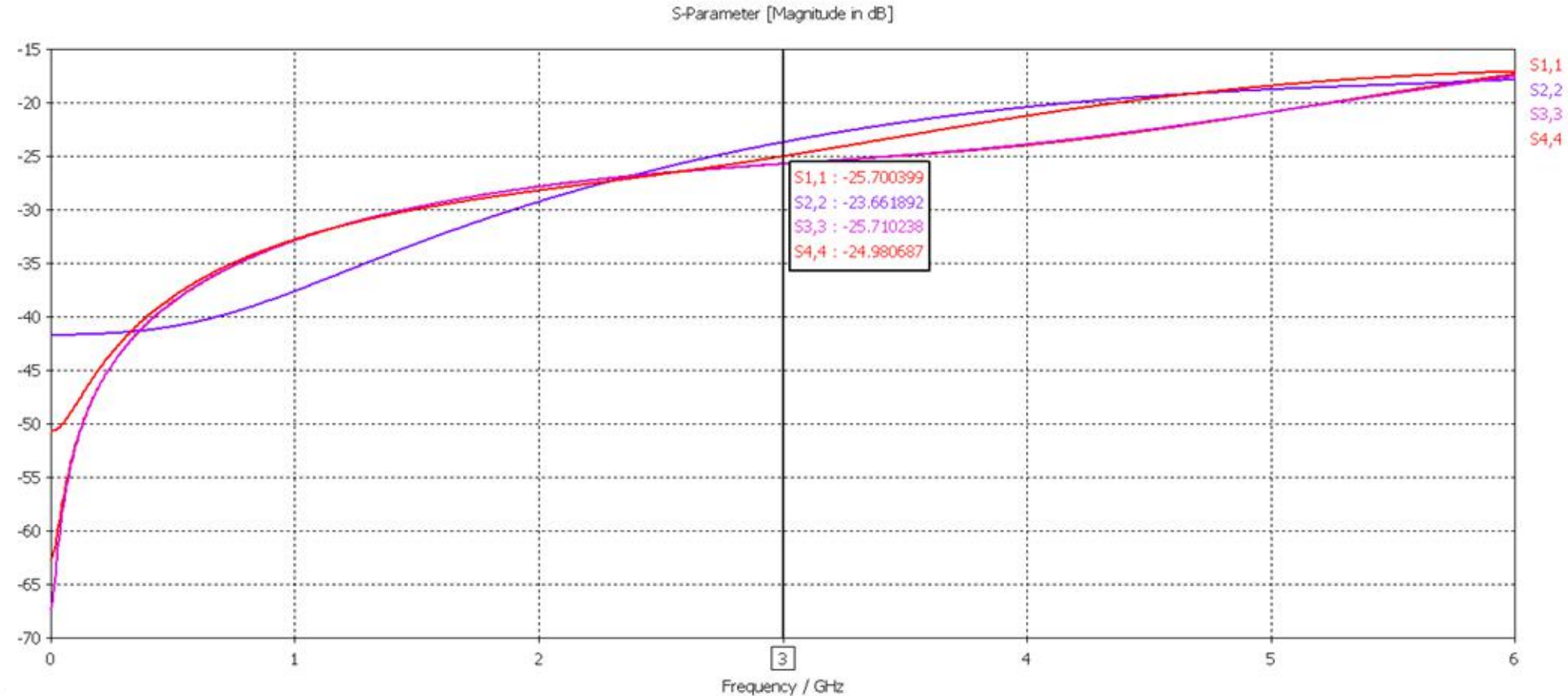
Contact Resistance	Centre Contact 4.0 m Ohm
	Outer Contact 2.5 m Ohm
Insulation Resistance	> 1000 Meg Ohm

Materials:

Centre Pin	BeCu /10u" Au
Metal Parts	Brass/Au
Insulators	PTFE

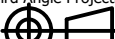
Enviromental:

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



Port designations

- Port 1 = PCB Lower Coax Connector
- Port 2 = PCB Upper Coax Connector
- Port 3 = Coax Lower
- Port 4 = Coax Upper

Design Right Protected	Material:		Finish:		Gen Tol ±0.10		DO NOT SCALE		
	Third Angle Projection 		Designed by P.Fayers		Checked by		Approved by		
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					Part No: XGS-06-RB24-GGD Cust		Date 07 Sep 2012		
						Issue 3.3		Sheet 3 / 3	
								A3	