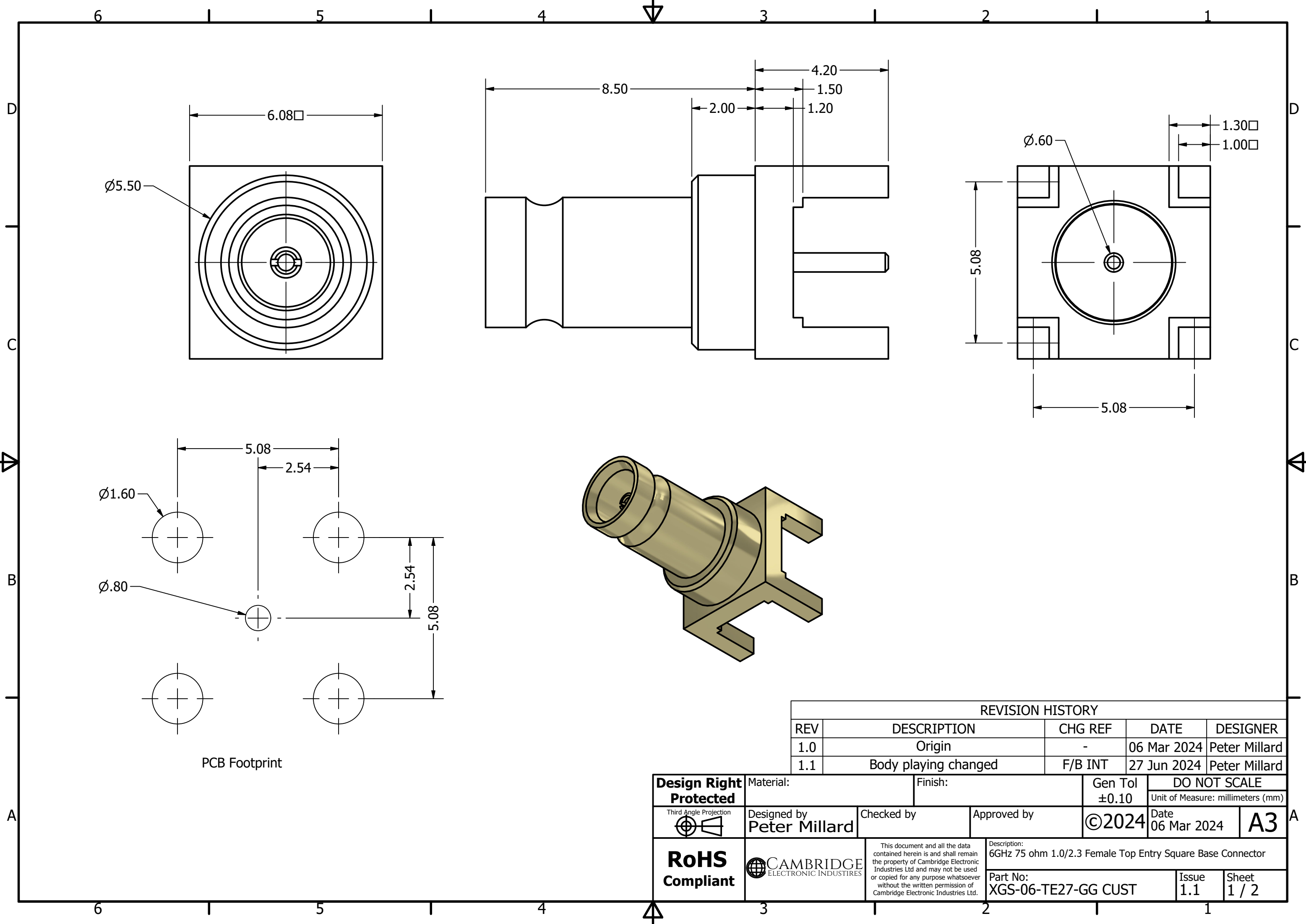
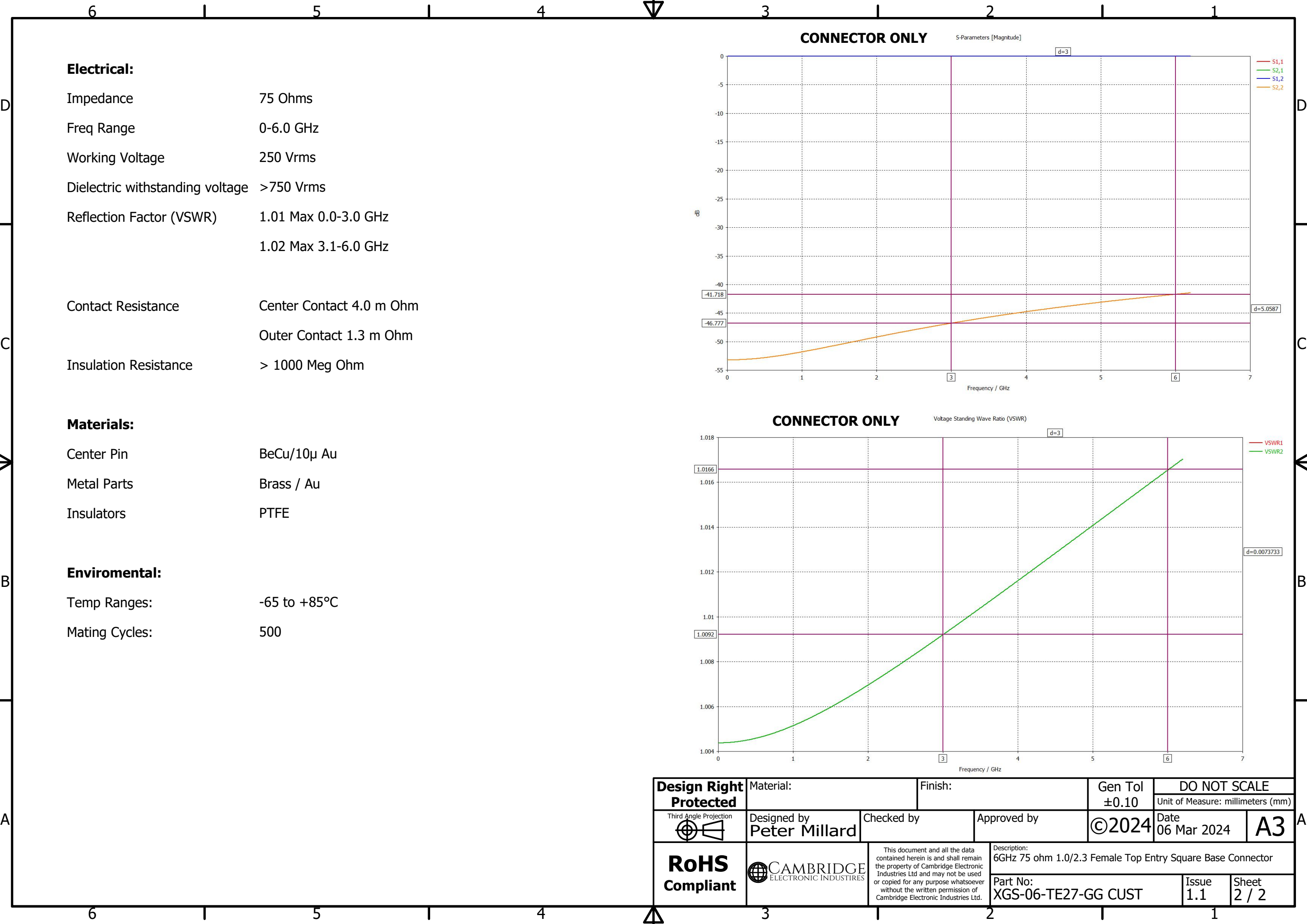




PCB Footprint

REVISION HISTORY				
REV	DESCRIPTION	CHG REF	DATE	DESIGNER
1.0	Origin	-	06 Mar 2024	Peter Millard
1.1	Body playing changed	F/B INT	27 Jun 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 Peter Millard	Checked by		Approved by	©2024	Date 06 Mar 2024	A3
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 Top Entry Square Base Connector			
				Part No: XGS-06-TE27-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)	1.01 Max 0.0-3.0 GHz 1.02 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

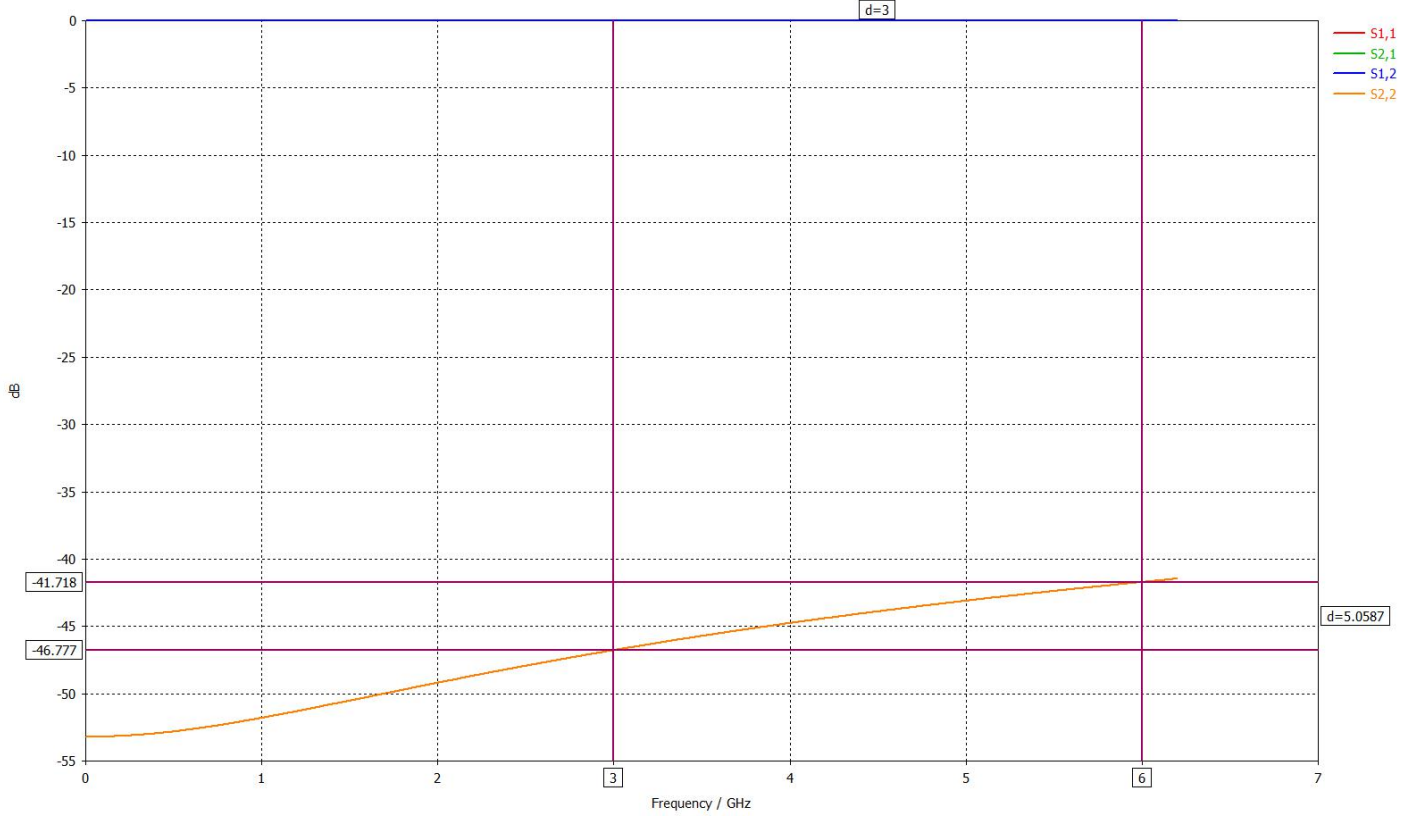
Materials:

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

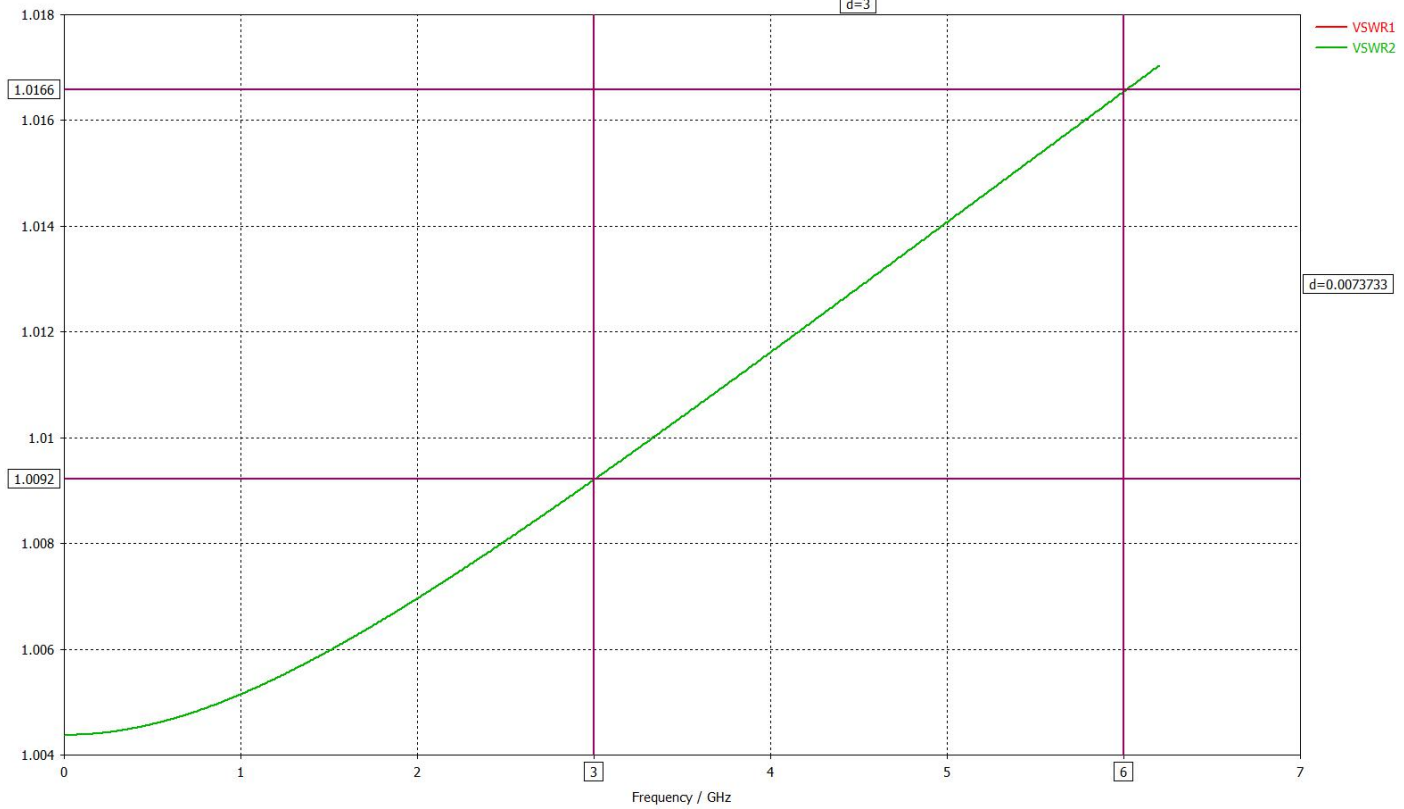
Enviromental:

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

CONNECTOR ONLY



CONNECTOR ONLY



Design Right Protected	Material:		Finish:		Gen Tol ±0.10	DO NOT SCALE	
						Unit of Measure: millimeters (mm)	
Third Angle Projection 	Designed by Peter Millard	Checked by		Approved by	©2024	Date 06 Mar 2024	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 Female Top Entry Square Base Connector			
				Part No: XGS-06-TE27-GG CUST		Issue 1.1	Sheet 2 / 2