
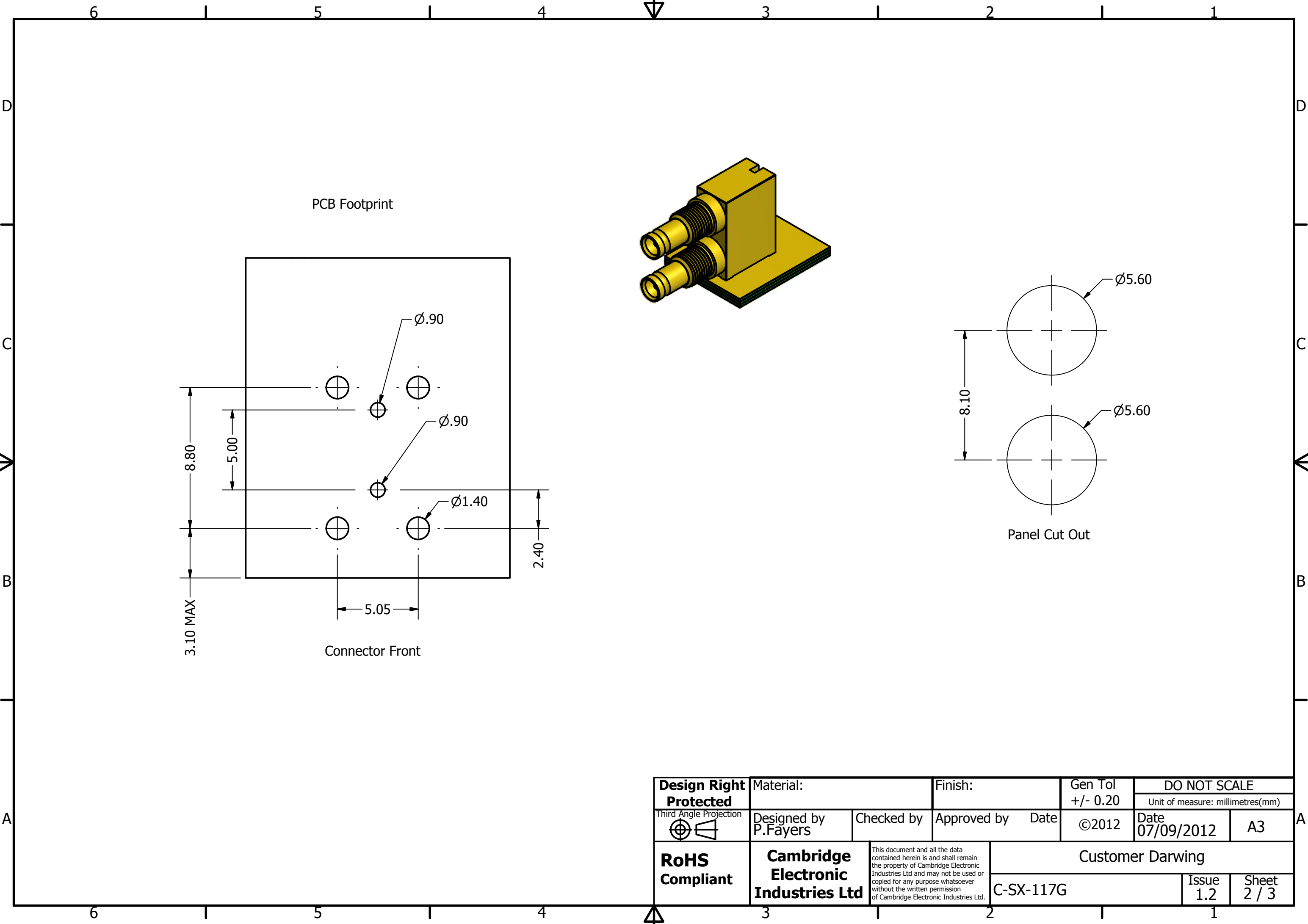


REVISION HISTORY			
REV	DESCRIPTION	DATE	DESIGNER
1.0	Origin	07/09/2012	P.Fayers
1.1	Stand-Off High chg to 0.1mm	13/09/2012	P.Fayers
1.2	Dim Chg 5.63 to 4.63 & 5.0 to 6.0	05/12/2012	P.Fayers

Design Right Protected Third Angle Projection 	Material: Brass/PTFE/BeCu		Finish: Au/Nat/Au		Gen Tol +/- 0.20	DO NOT SCALE	
	Designed by P.Fayers		Checked by		Date	©2012	Unit of measure: millimetres(mm)
RoHS Compliant	Cambridge Electronic Industries Ltd		Approved by		Date	07/09/2012	A3
	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.		Customer Darwing		C-SX-117G		Issue 1.2 Sheet 1 / 3



Design Right Protected Third Angle Projection	Material:		Finish:		Gen Tol +/- 0.20	DO NOT SCALE	
						Unit of measure: millimetres(mm)	
RoHS Compliant	Designed by P.Fayers	Checked by	Approved by	Date	©2012	Date 07/09/2012	A3
	Cambridge Electronic Industries Ltd		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.		Customer Darwing		
			C-SX-117G		Issue 1.2	Sheet 2 / 3	

Electrical:

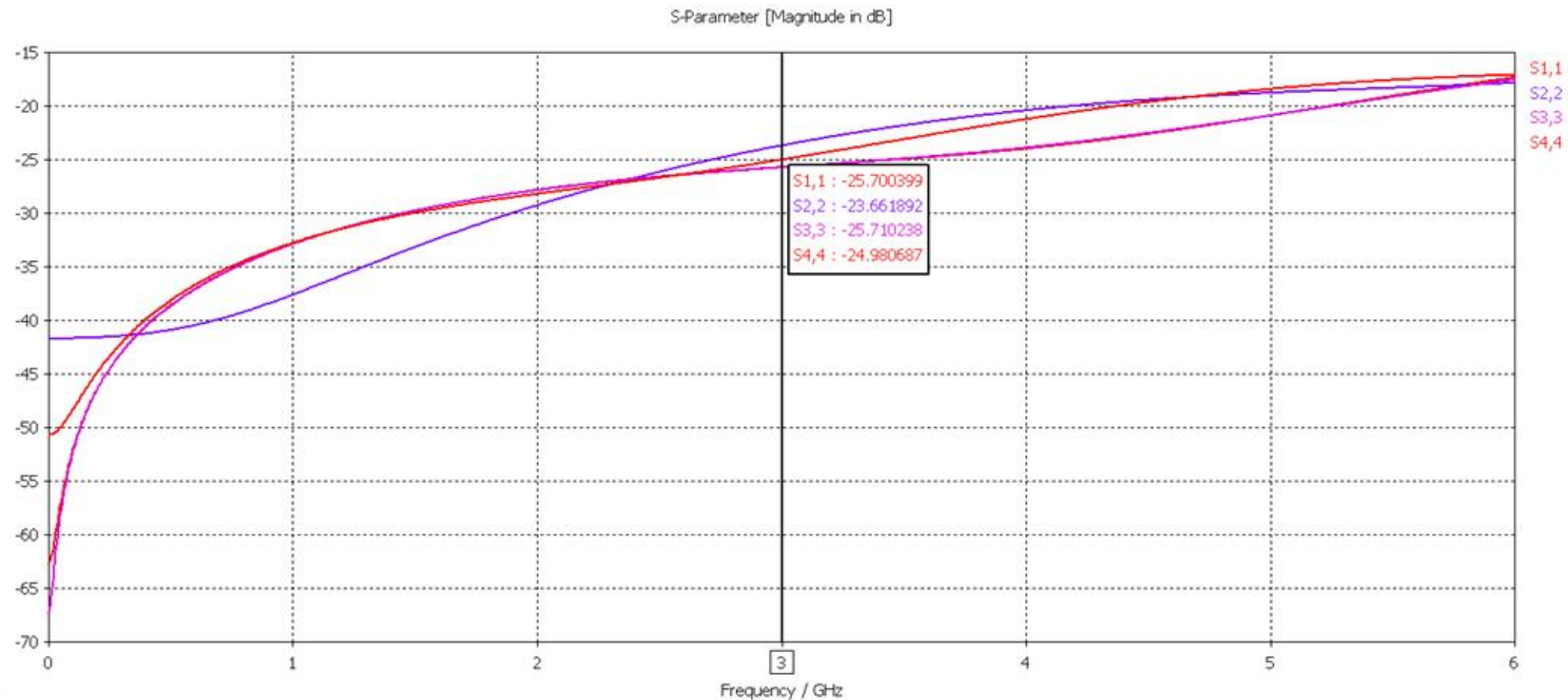
Impedance	75 Ohms
Freq Range	0-6.0 GHz
Working Voltage	250 Vrms
Dielectric withstanding voltage	750 Vrms
Reflection Factor (VSWR)	1.07 Max DC-1.5 GHz 1.14 Max 1.5GHz-3.0 GHz 1.16 Max 3.0GHz-3.2 GHz 1.31 Max 3.2GHz-6.0 GHz
Contact Resistance	Centre Contact 4.0 m Ohm Outer Contact 2.5 m Ohm
Insulation Resistance	> 1000 Meg Ohm

Materials:

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

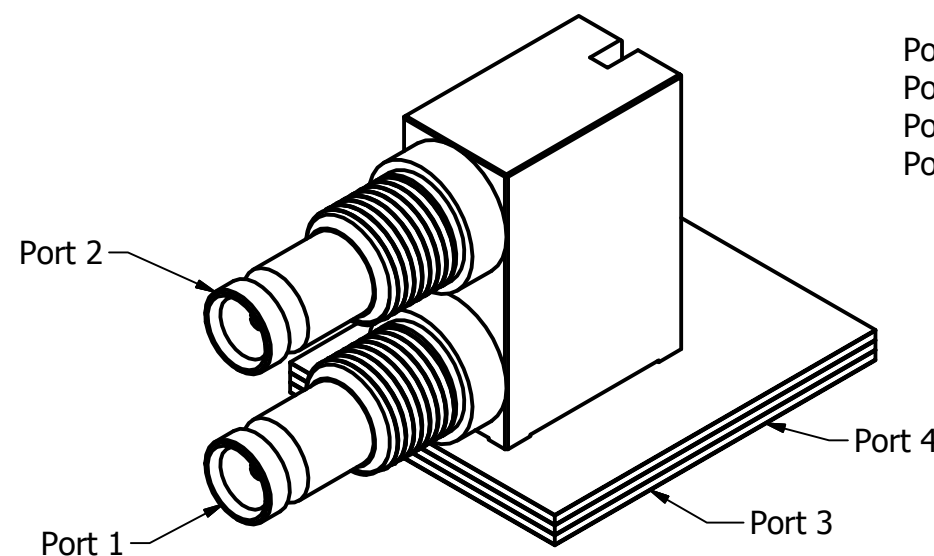
Enviromental:

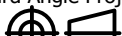
Temp Range: -65 to +85°C
Mating cycles: 500
Vibration: MIL-STD-202 Method 204 test condition B
Salt Spray: MIL-STD-202 Method 101 test condition B



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 +/- 0.20	DO NOT SCALE	
						Unit of measure: millimetres(mm)	
Third Angle Projection 	Designed by P.Fayers	Checked by	Approved by	Date	©2012	Date 07/09/2012	A3
RoHS Compliant	Cambridge Electronic Industries Ltd	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.		Customer Darwing			
				C-SX-117G		Issue 1.2	Sheet 3 / 3