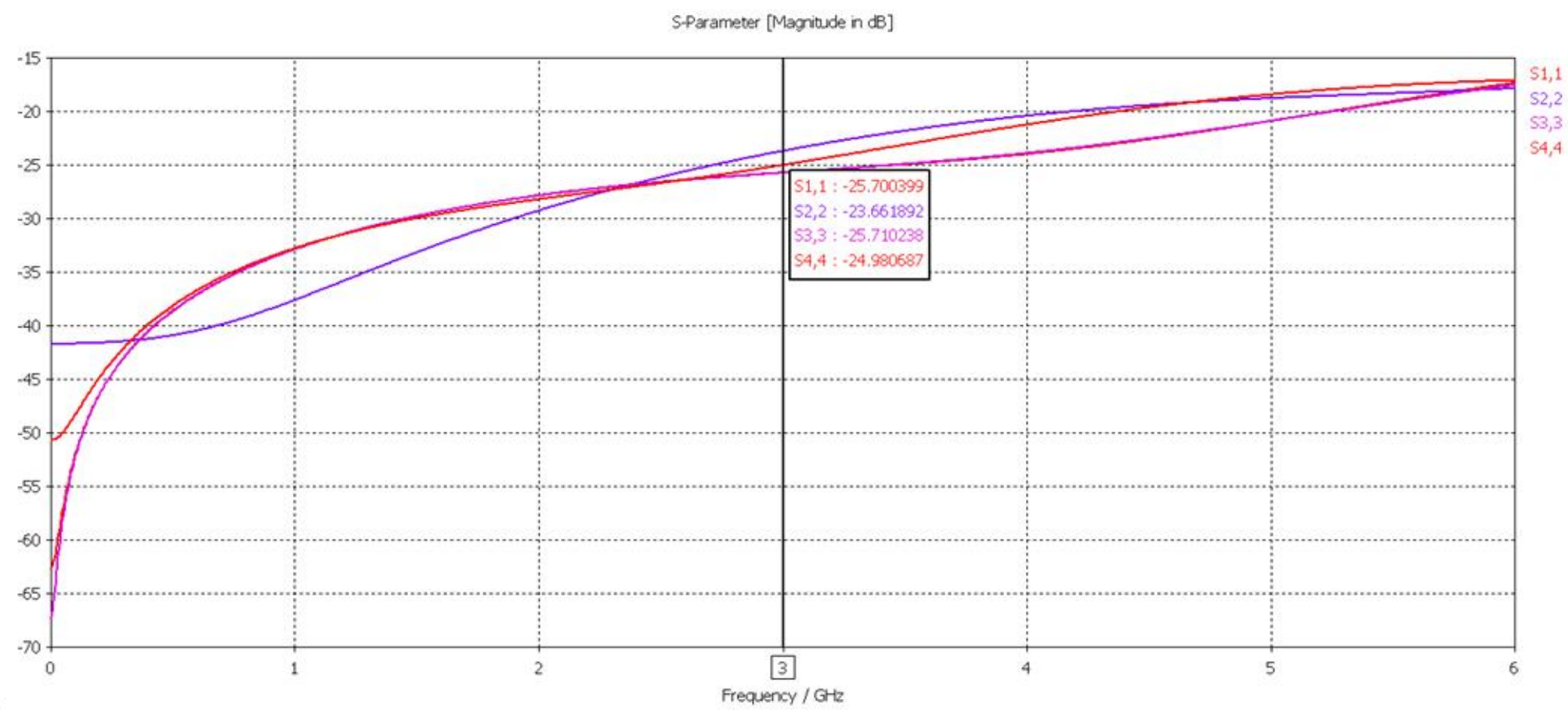


<b>Design Right Protected</b>	Material:		Finish:		Gen Tol +/- 0.20	DO NOT SCALE	
	Designed by P.Fayers		Checked by	Approved by	Date	©2014	Unit of measure: millimetres(mm)
Third Angle Projection 	Cambridge Electronic Industries Ltd		C-SX-117G with 2.4 mm Legs		Date 07/09/2012	A3	
<b>RoHS Compliant</b>	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.		C-SX-137G		Issue 1.1	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

**Environmental:**

**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

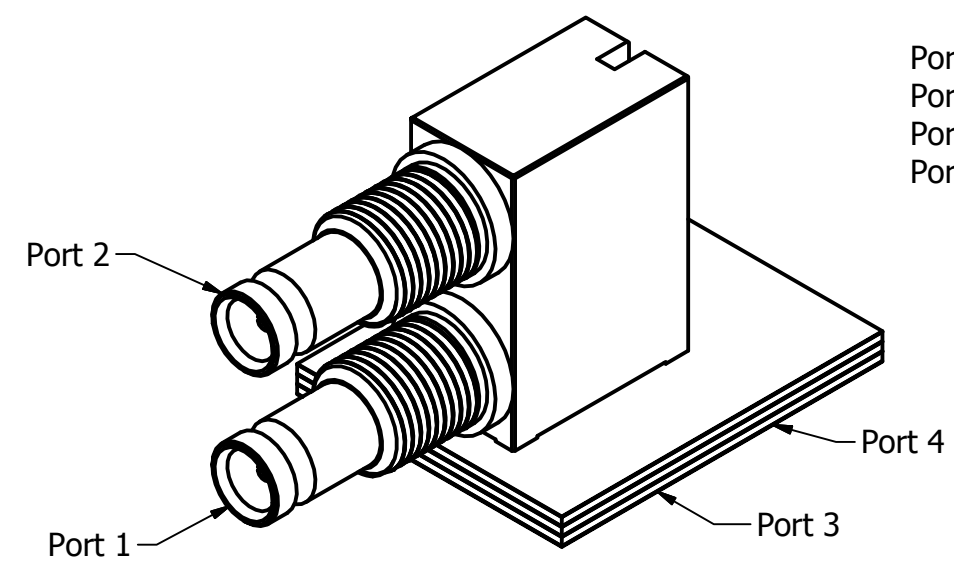
Port designations

Port 1 = PCB Lower Coax Connector

Port 2 = PCB Upper Coax Connector

Port 3 = Coax Lower

Port 4 = Coax Upper



<b>Design Right Protected</b>	Material:		Finish:		Gen Tol +/- 0.20	DO NOT SCALE	
	Designed by P.Fayers		Checked by		Date	Unit of measure: millimetres(mm)	
Third Angle Projection	Approved by		Date		©2014	Date 07/09/2012	A3
<b>RoHS Compliant</b>	<b>Cambridge Electronic Industries Ltd</b>		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.		C-SX-117G with 2.4 mm Legs		
					C-SX-137G		Issue 1.1