

REVISION HISTORY			
REV	DESCRIPTION	DATE	DESIGNER
1.0	Origin	31/01/2014	Peter Fayers
1.1	Dim Added	06/02/2014	Peter Fayers

<b>Design Right Protected</b> <small>Third Angle Projection</small> 	Material: Brass/PTFE/BeCu	Finish: NI/ /Au	Gen Tol +/- 0.20	DO NOT SCALE Unit of measure: millimetres(mm)	
	Designed by Peter Fayers	Checked by	Approved by	Date ©2014	Date 12/10/2006
<b>RoHS Compliant</b>	<b>Cambridge Electronic Industries Ltd</b>	<small>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.</small>		12 GHz Top Entry BNC	
				C-SX-152	Issue 1.1

**Electrical:**

Impedance 75 Ohms

Freq Range 0-12.0GHz

Working Voltage 500 Vrms

Dielectric withstanding voltage 1500 Vrms

Reflection Factor (VSWR) 1.04 Max DC-6.0 GHz  
1.11 Max 6.0 GHz-12.0 GHz

Contact Resistance Centre Contact 1.5 m Ohm  
Outer Contact 1.0 m Ohm

Insulation Resistance > 5000 Meg Ohm

**Materials:**

Centre Pin Phosphor Bronze /10u" Au

Metal Parts Brass/Ni

Insulators PTFE

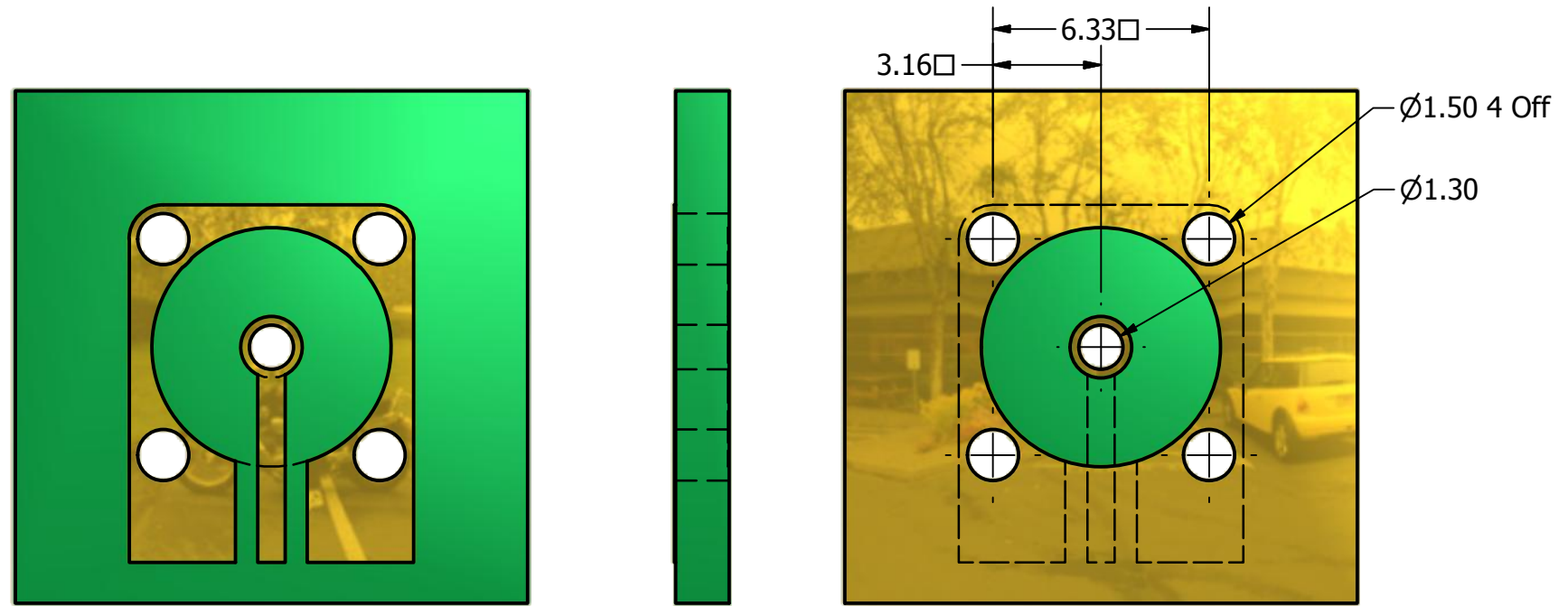
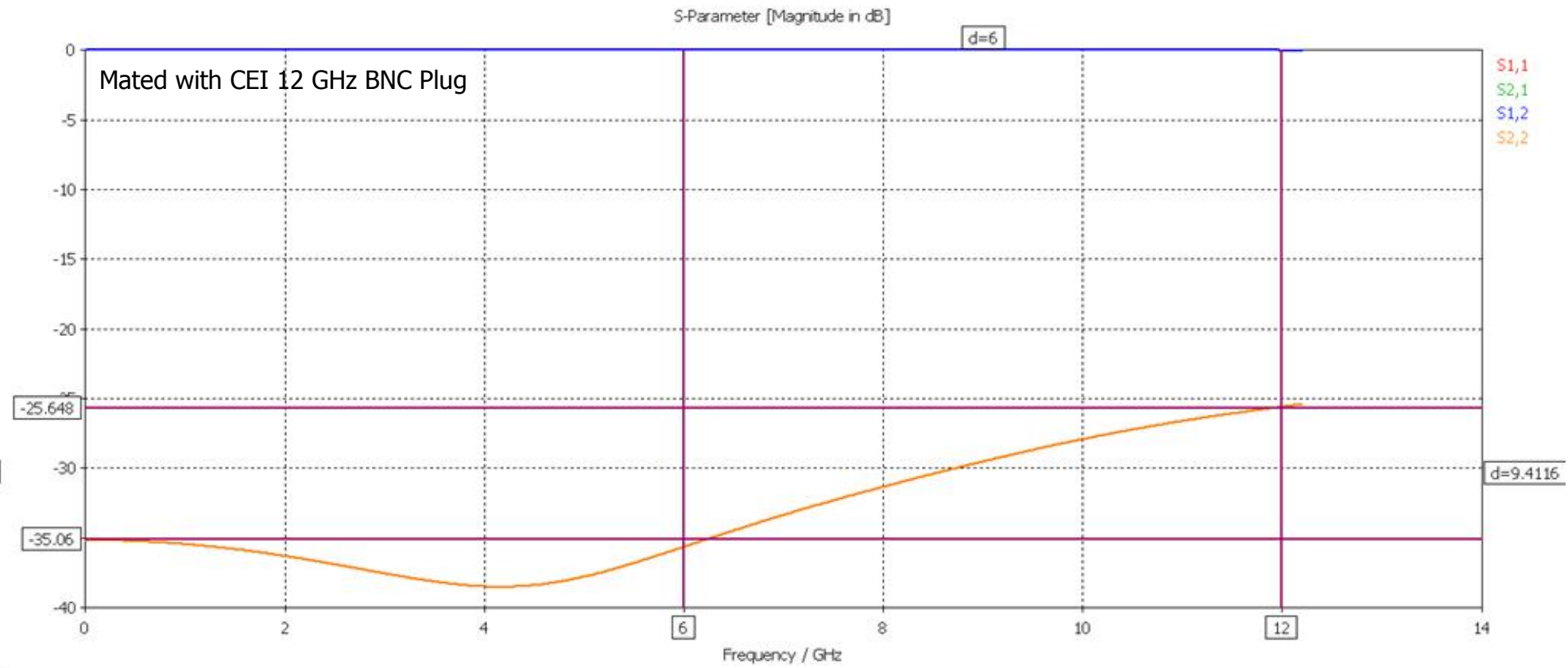
**Environmental:**

Temp Range: -65 to +85°C

Mating cycles: 250

Vibration: MIL-STD-202 Method 204 test condition B

Salt Spray: MIL-STD-202 Method 101 test condition B



PCB Layout

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Third Angle Projection	©2014		Date 12/10/2006		A3			
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					C-SX-152		Issue 1.1	Sheet 2 / 2