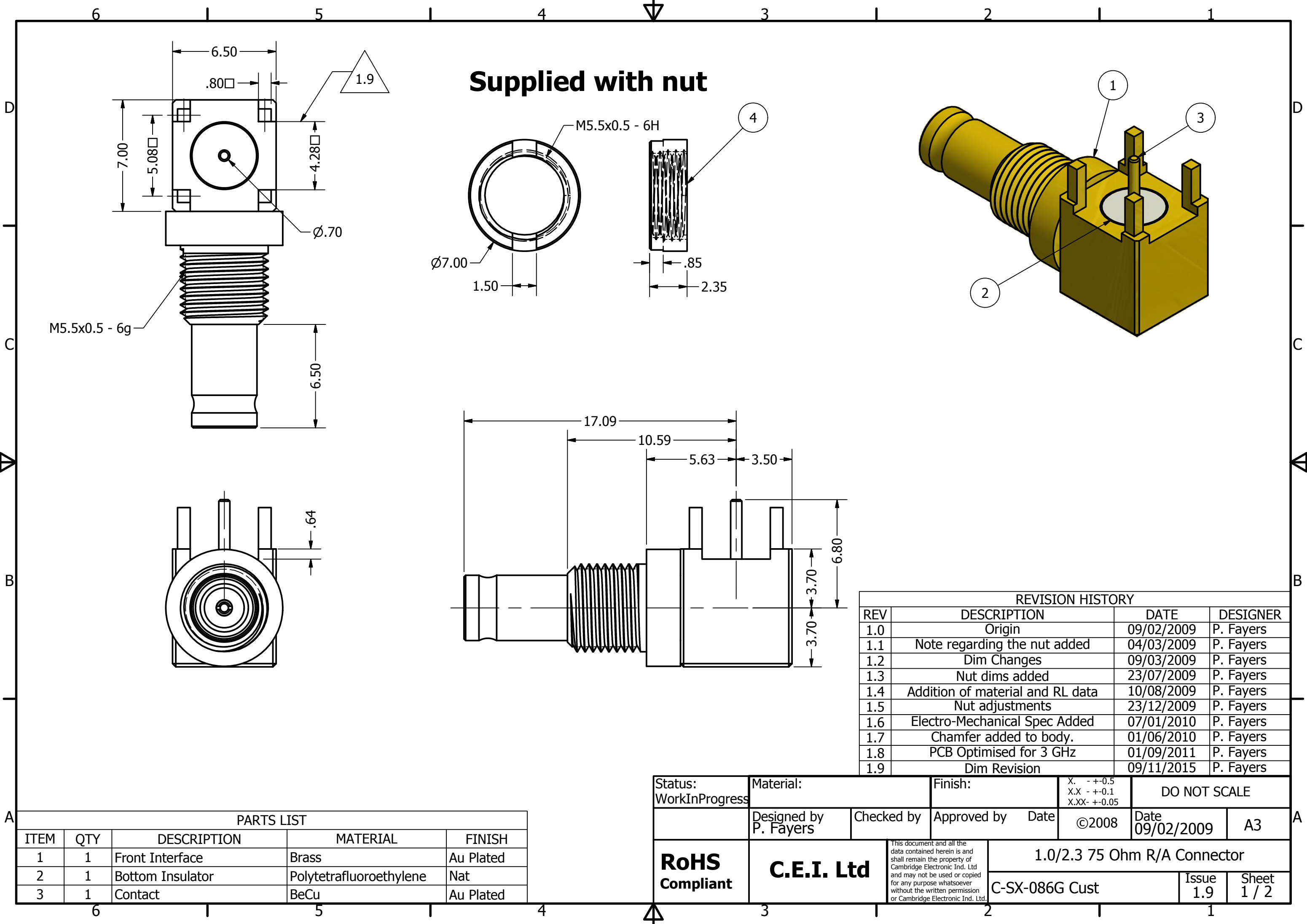




Supplied with nut

REVISION HISTORY			
REV	DESCRIPTION	DATE	DESIGNER
1.0	Origin	09/02/2009	P. Fayers
1.1	Note regarding the nut added	04/03/2009	P. Fayers
1.2	Dim Changes	09/03/2009	P. Fayers
1.3	Nut dims added	23/07/2009	P. Fayers
1.4	Addition of material and RL data	10/08/2009	P. Fayers
1.5	Nut adjustments	23/12/2009	P. Fayers
1.6	Electro-Mechanical Spec Added	07/01/2010	P. Fayers
1.7	Chamfer added to body.	01/06/2010	P. Fayers
1.8	PCB Optimised for 3 GHz	01/09/2011	P. Fayers
1.9	Dim Revision	09/11/2015	P. Fayers

PARTS LIST				
ITEM	QTY	DESCRIPTION	MATERIAL	FINISH
1	1	Front Interface	Brass	Au Plated
2	1	Bottom Insulator	Polytetrafluoroethylene	Nat
3	1	Contact	BeCu	Au Plated

Status: WorkInProgress	Material:		Finish:	X. - +0.5 X.X - +0.1 X.XX - +0.05	DO NOT SCALE	
	Designed by P. Fayers	Checked by	Approved by	Date	©2008	Date 09/02/2009
RoHS Compliant	C.E.I. Ltd	This document and all the data contained herein is and shall remain the property of Cambridge Electronic Ind. Ltd and may not be used or copied for any purpose whatsoever without the written permission of Cambridge Electronic Ind. Ltd.	1.0/2.3 75 Ohm R/A Connector			
			C-SX-086G Cust		Issue 1.9	Sheet 1 / 2

Electrical:

Impedance 75 Ohms

Freq Range 0-3.0GHz

Working Voltage 250 Vrms

Dielectric withstanding voltage 750 Vrms

Reflection Factor (VSWR) 1.10 Max DC-1.5GHz

1.12 Max 1.5GHz-3.5GHz

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

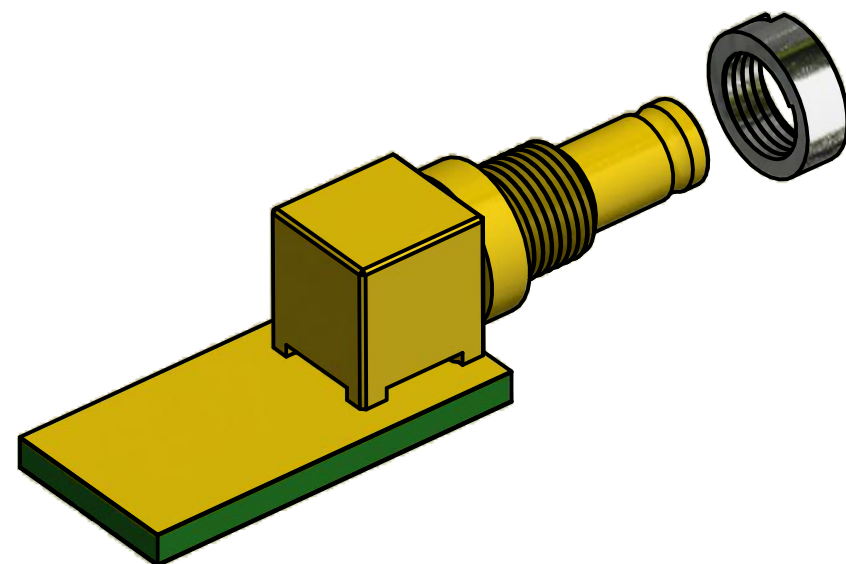
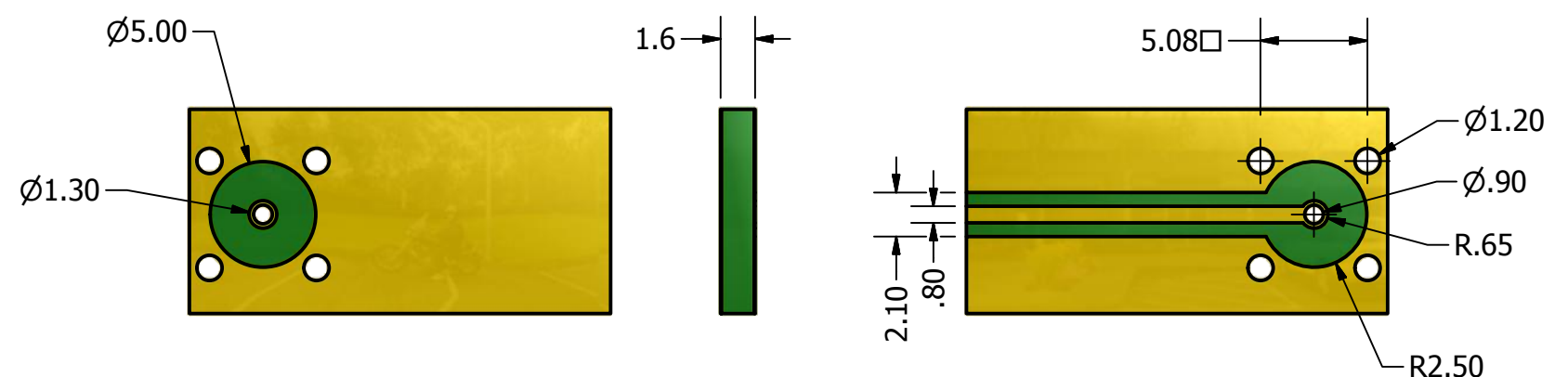
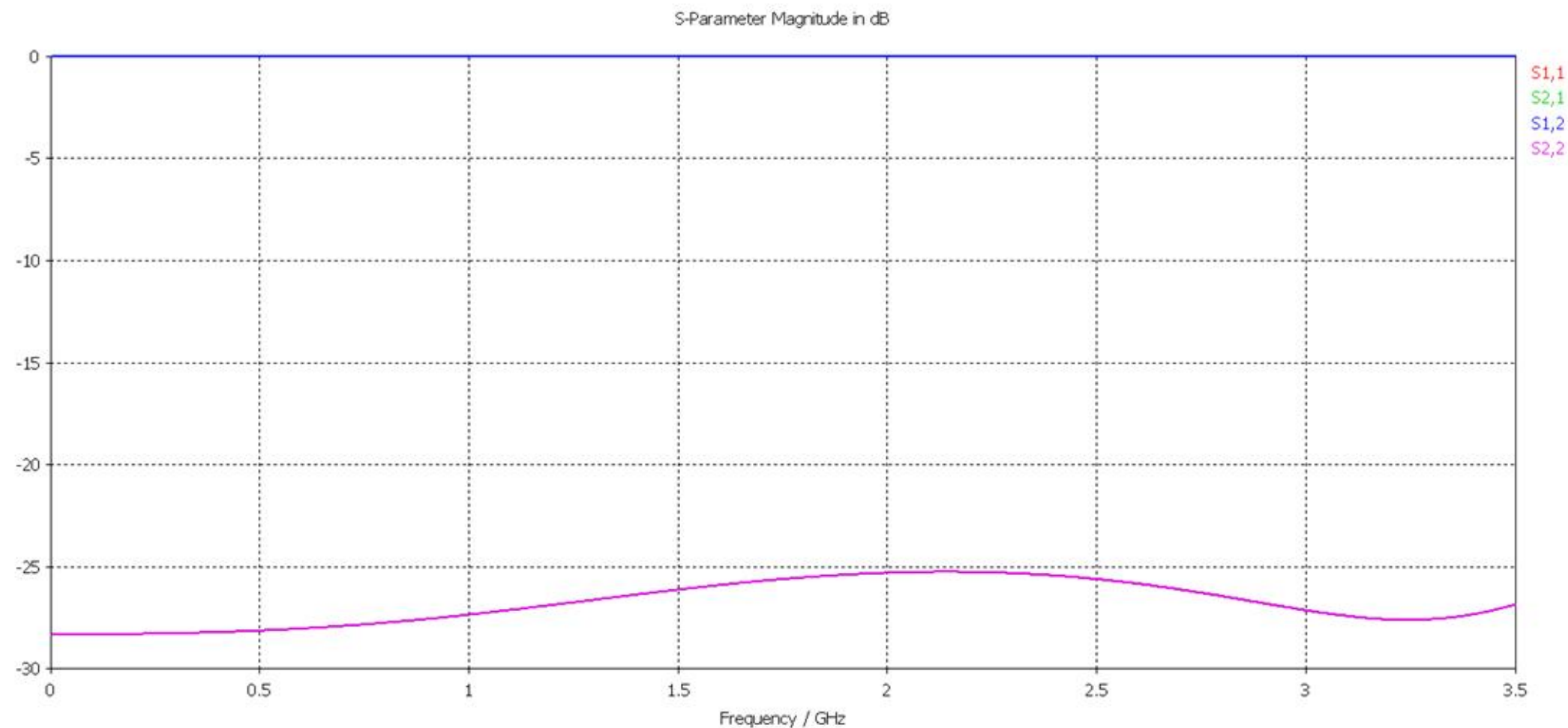
Environmental:

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



Status: WorkInProgress	Material: DS FR4 1.6 mm	Finish: 1 oz Cu	X. - +0.5 X.X - +0.1 X.XX- +0.05	DO NOT SCALE		
	Designed by P. Fayers	Checked by	Approved by	Date ©2008	Date 09/02/2009	A3
RoHS Compliant	C.E.I. Ltd	This document and all the data contained herein is and shall remain the property of Cambridge Electronic Ind. Ltd and may not be used or copied for any purpose whatsoever without the written permission or Cambridge Electronic Ind. Ltd.		1.0/2.3 75 Ohm R/A Connector		
				C-SX-086G Cust	Issue 1.9	Sheet 2 / 2