

Note: Supplied with
Nut and Washer

REVISION HISTORY			
REV	DESCRIPTION	DATE	DESIGNER
1.0	Origin	15/06/2010	P. Fayers
1.1	PCB Layout added	23/01/2013	P. Fayers
1.2	RL Graph added	13/03/2013	P. Fayers

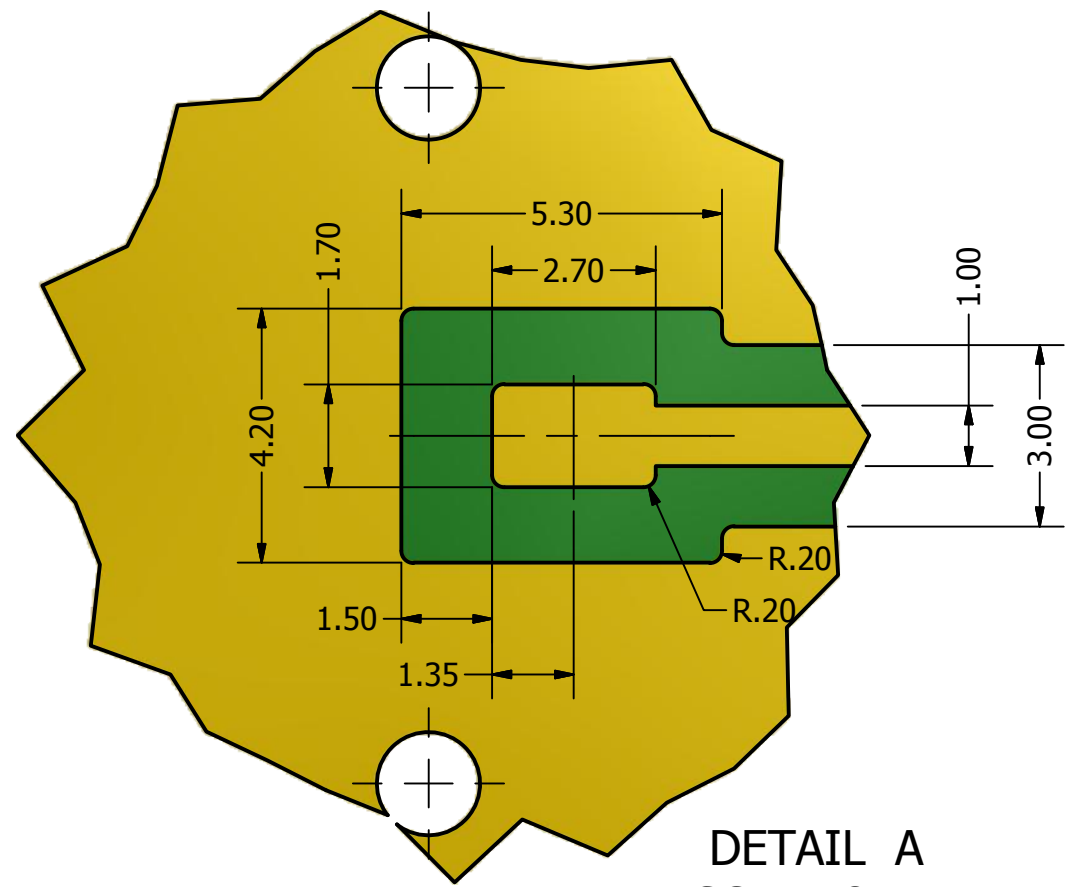
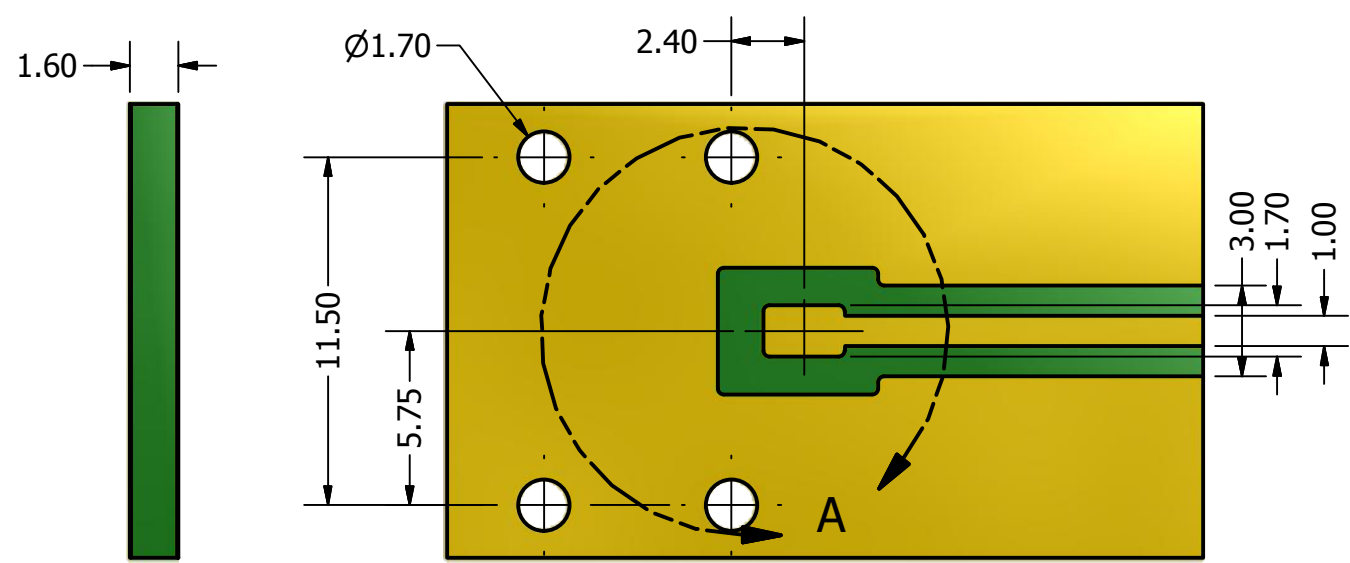
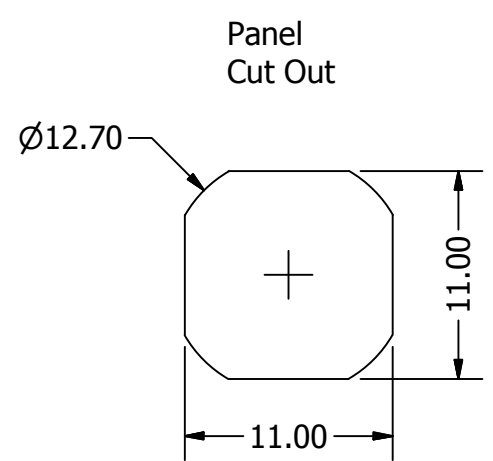
Design Right Protected Third Angle Projection 	Material: DC Zinc/Phosbronze/TPX		Finish: Ni/Au/Nat		X. - +0.5 X.X - +0.1 X.XX - +0.05		DO NOT SCALE	
	Designed by P. Fayers	Checked by	Approved by	Date	©2010	Date 15/06/2010	A3	
RoHS Compliant		C.E.I. Ltd		This document and all the data contained herein 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 of Cambridge Electronic Ind. Ltd.		SMT 3G/HD BNC RA for PCI Express Apps		
						C-SX-104	Issue 1.2	Sheet 1 / 3

Electrical:	
Impedance	75 Ohm s
Freq Range	0-3.2GHz
Working Voltage	500 Vrms
Dielectric withstanding voltage	1500 Vrms
Reflection Factor (VSWR)	1.09 Max DC-1.5GHz
	1.18 Max 1.5GHz-3.0GHz
Contact Resistance	Centre Contact 1.5 m Ohm
	Outer Contact 1.0 m Ohm
Insulation Resistance	> 5000 Meg Ohm

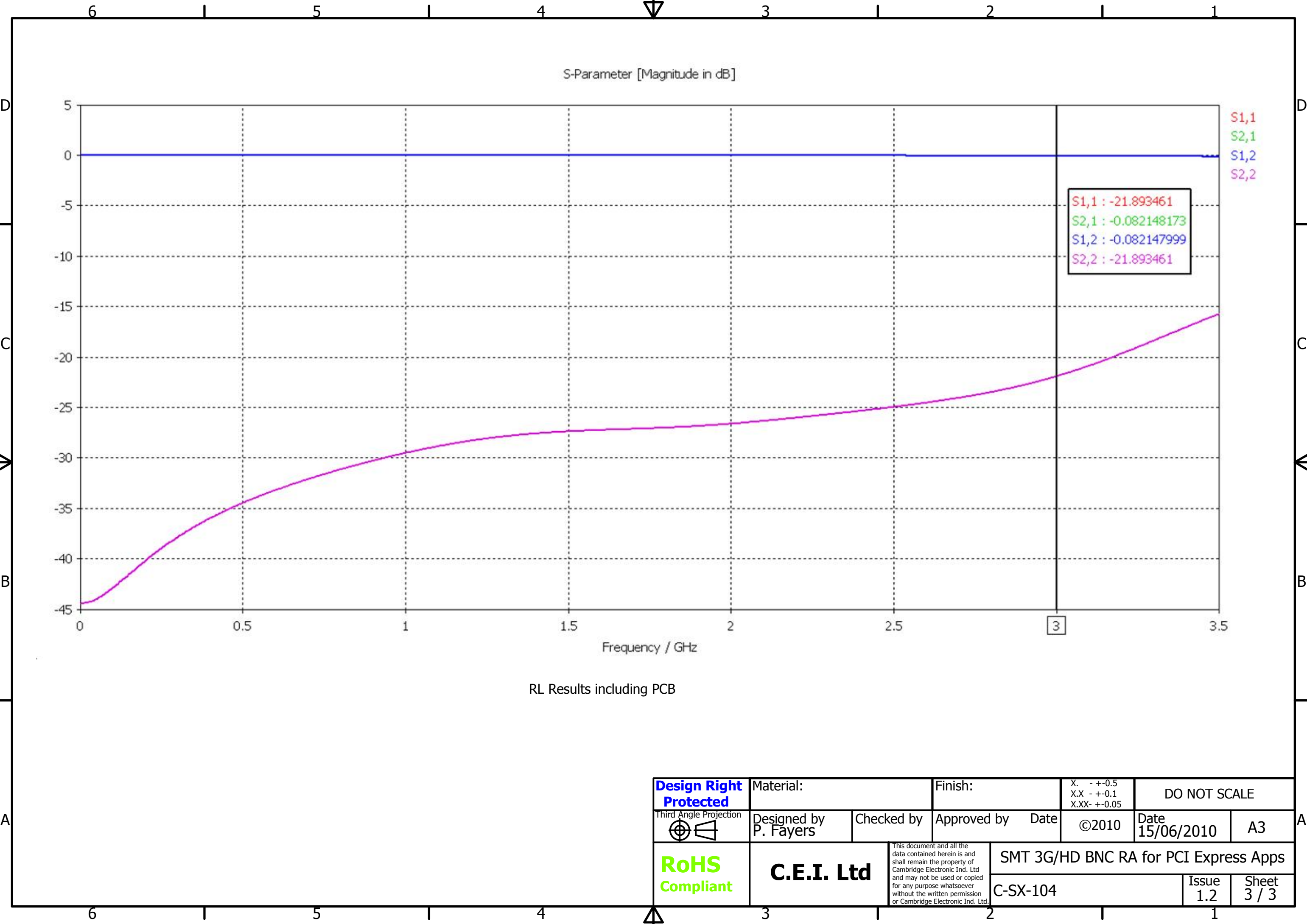
Materials:	
Centre Pin	Phosphor Bronze /10u" Au
Metal Parts	Die Cast Zinc/Ni
Insulator	UL94 HB TPX


Enviromental:	
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

Processing:	
Hand Solder	
Wave solder capable to 265 °C	
Temperatures up to 265°C may be used in Wave solder process. Dwell time 10-12 Seconds.	



Design Right Protected Third Angle Projection 	Material: 1.6 mm FR4		Finish: 1oz Cu	X. - +-0.5 X.X - +-0.1 X.XX- +-0.05	DO NOT SCALE	
	Designed by P. Fayers	Checked by	Approved by	Date	©2010	Date 15/06/2010 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.		SMT 3G/HD BNC RA for PCI Express Apps	
					C-SX-104	Issue 1.2 Sheet 2 / 3



Design Right Protected	Material:		Finish:		X. - +0.5 X.X - +-0.1 X.XX- +-0.05		DO NOT SCALE	
	Third Angle Projection 	Designed by P. Fayers	Checked by	Approved by	Date ©2010	Date 15/06/2010	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.	SMT 3G/HD BNC RA for PCI Express Apps				
				C-SX-104			Issue 1.2	Sheet 3 / 3