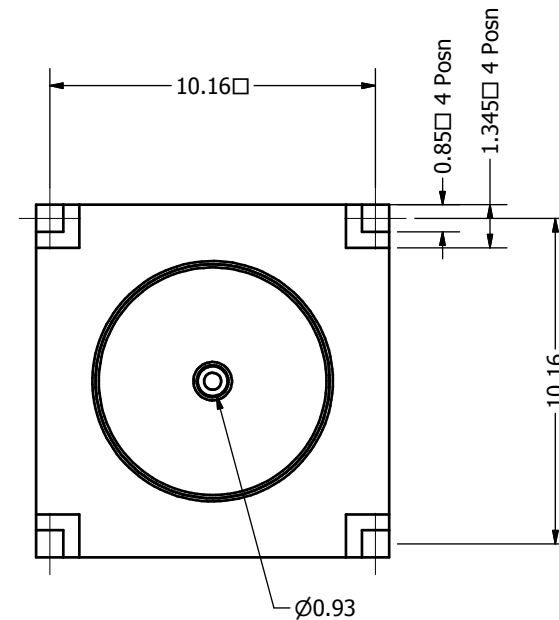
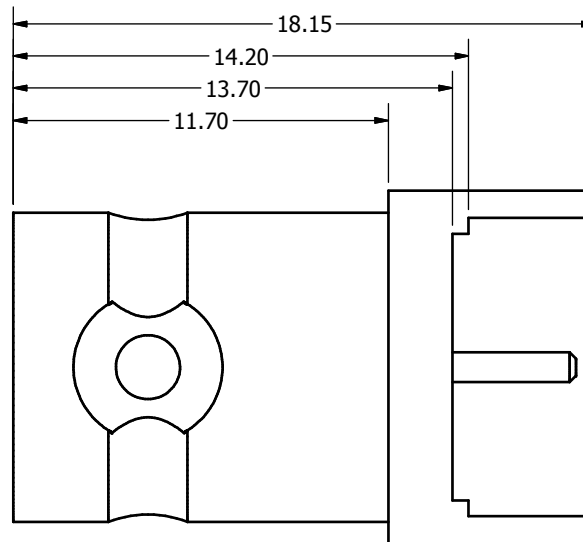
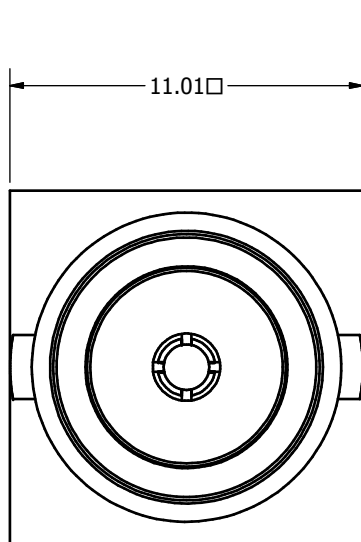


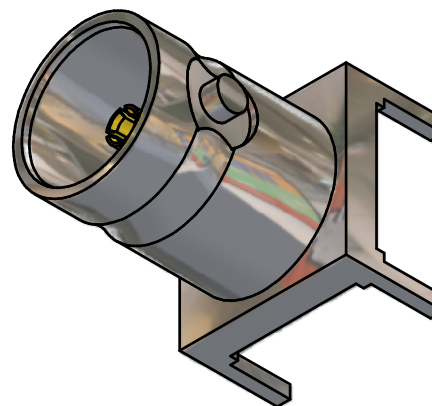


Electrical:

Impedance	75 Ohms
Freq Range	0-3.0GHz
Working Voltage	500 Vrms
Dielectric withstanding voltage	1500 Vrms
Reflection Factor (VSWR)	1.08 Max DC-1.5GHz
	1.16 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:

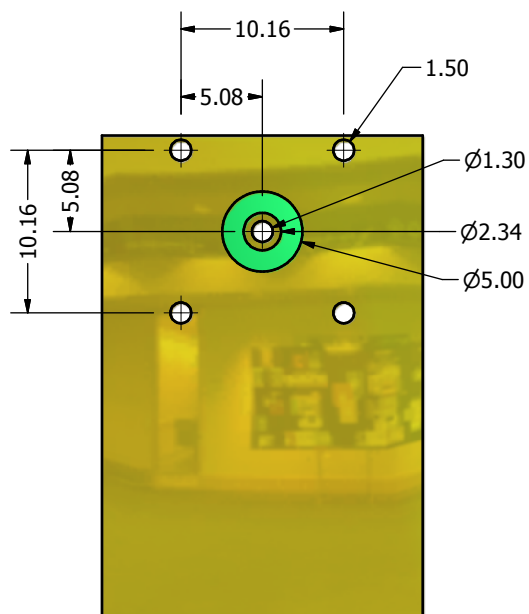
Centre Pin	Phosphor Bronze /10u" Au
Metal Parts	Brass/Ni
Insulators	PTFE



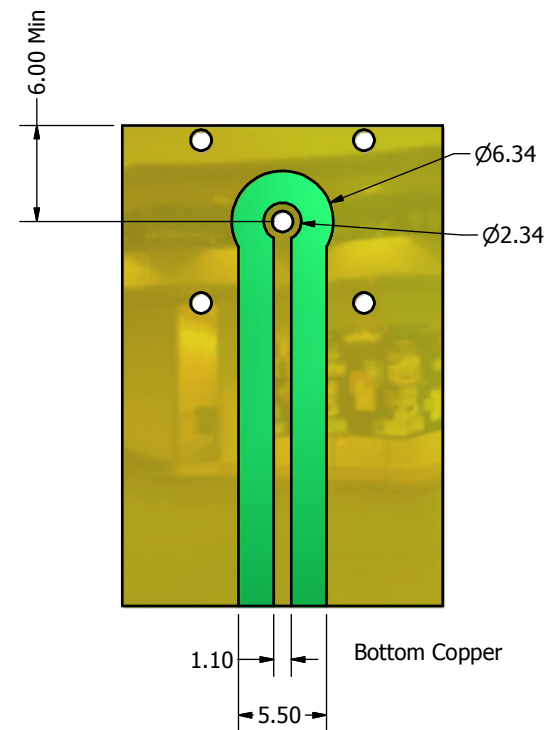
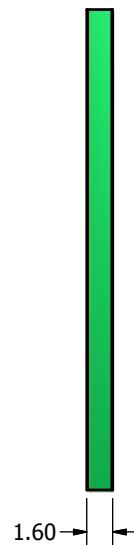
REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
1.0	Origin	11/10/2007	P. Fayers
1.1	Leg x-section chg to 0.85	24/11/2008	P. Fayers

Status: WorkInProgress	Material: Brass/PhosBronze/PTFE	Finish: Ni/Au/Nat	X. - +0.5 X.X - +0.05 X.XX- +0.002	DO NOT SCALE	
	Designed by P. Fayers	Checked by	Approved by	Date ©2007	Date 10/10/2007
	C.E.I. Ltd		Square Based 75 ohm BNC		
	C-SX-068 Cust Drawing		Issue 1.1	Sheet 1 / 2	

Suggested 75ohm PCB Layout



Top Copper



Bottom Copper

Status: WorkInProgress	Material: FR4 1.6mm	Finish:	X. - +0.5 X.X - +0.05 X.XX- +0.002	DO NOT SCALE	
	Designed by P. Fayers	Checked by	Approved by	Date ©2007	Date 10/10/2007
					A3
	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.	Square Based 75 ohm BNC	
				C-SX-068 Cust Drawing	Issue 1.1
					Sheet 2 / 2