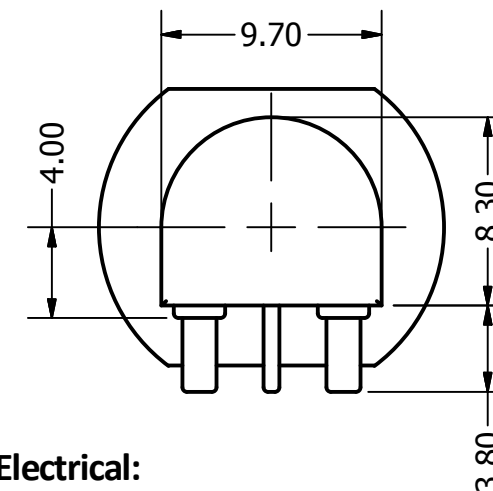
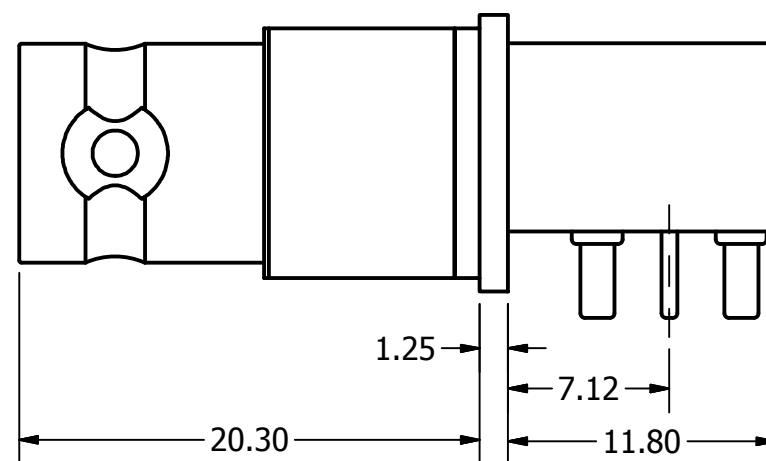
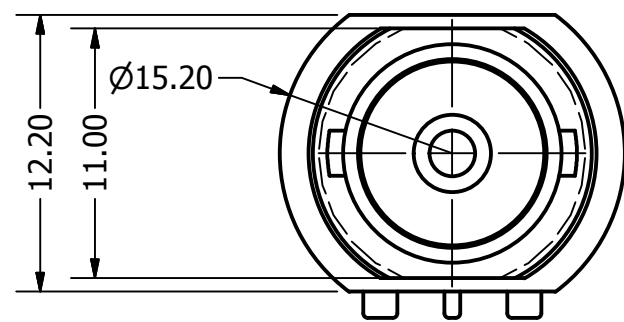




Electrical:

Impedance 75 Ohms
 Freq Range 0-2.0GHz
 Working Voltage 500 Vrms
 Dielectric withstanding voltage 1500 Vrms

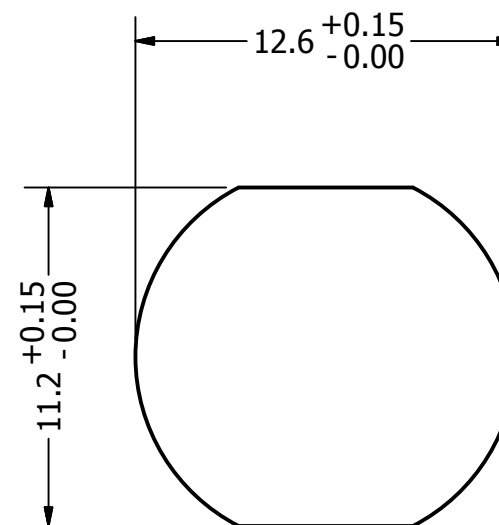
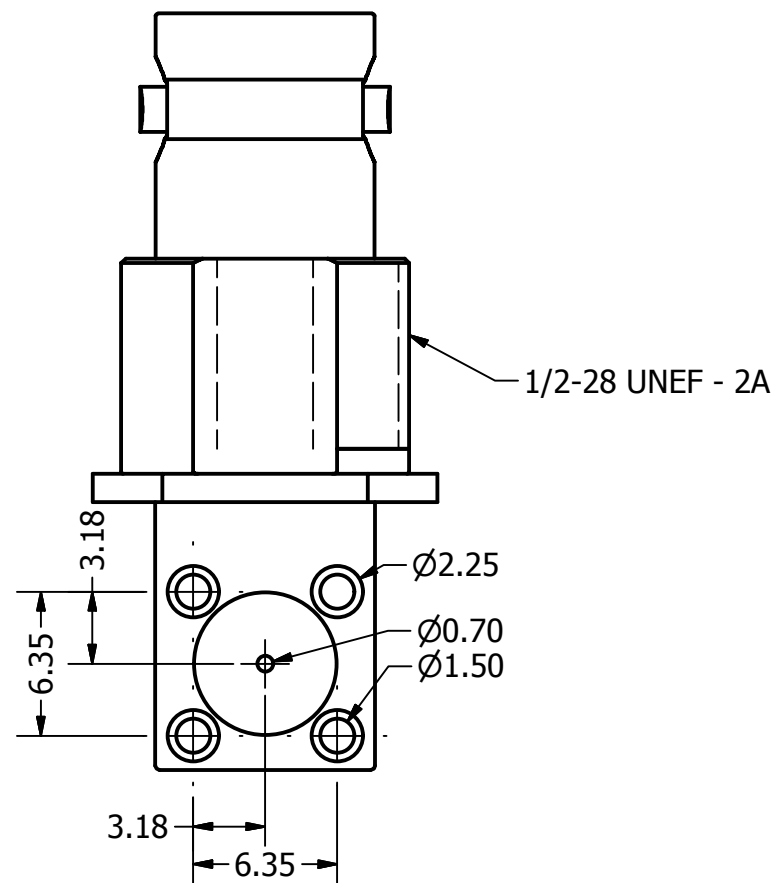
Contact Resistance: Centre Contact 1.5 m Ohm
 Outer Contact 1.0 m Ohm
 Insulation Resistance > 5000 Meg Ohm

Mechanical:

Mating Two Stud bayonet coupling
 Durability 500 mating cycles
 Coupling nut retention 100lbs min.
 Temp range -65°C to 85°C
 Vibration MIL-STD-202 Method 204 test condition B.
 Salt spray MIL-STD-202 Method 204 test condition B.

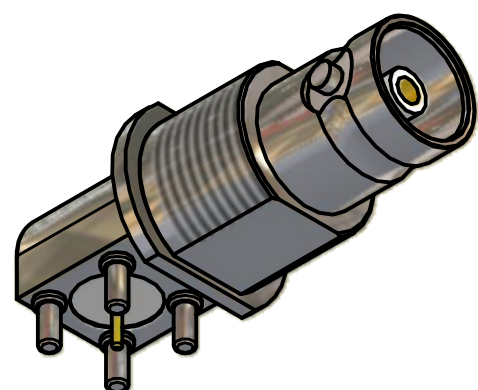
Materials:

Centre Pin Phosphor Bronze /10u" Au
 Metal Parts Die Cast Zinc/Ni
 Insulators PE
 Nut Brass/Ni
 Washer Steel/Ni



Panel Cutout
 B/H Thickness
 5.5 mm Max

Note: Supplied with
 hex nut and washer

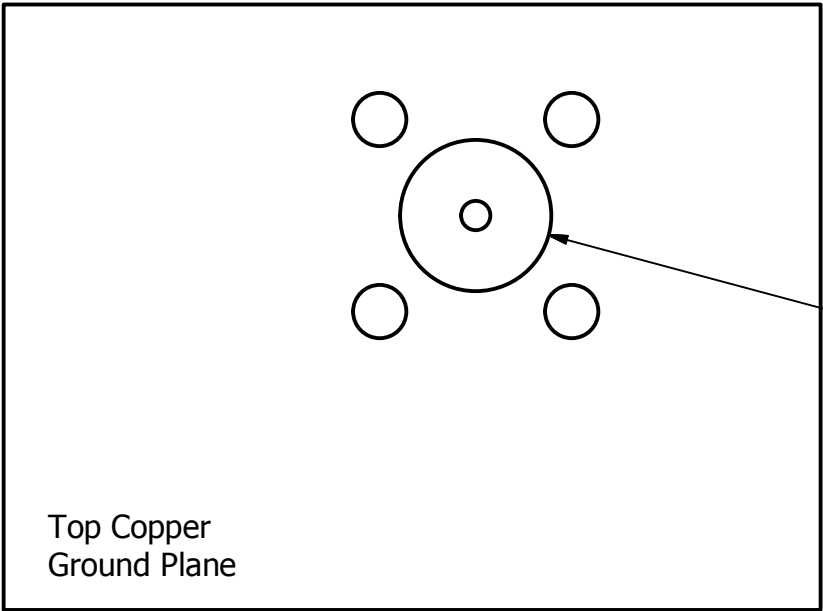
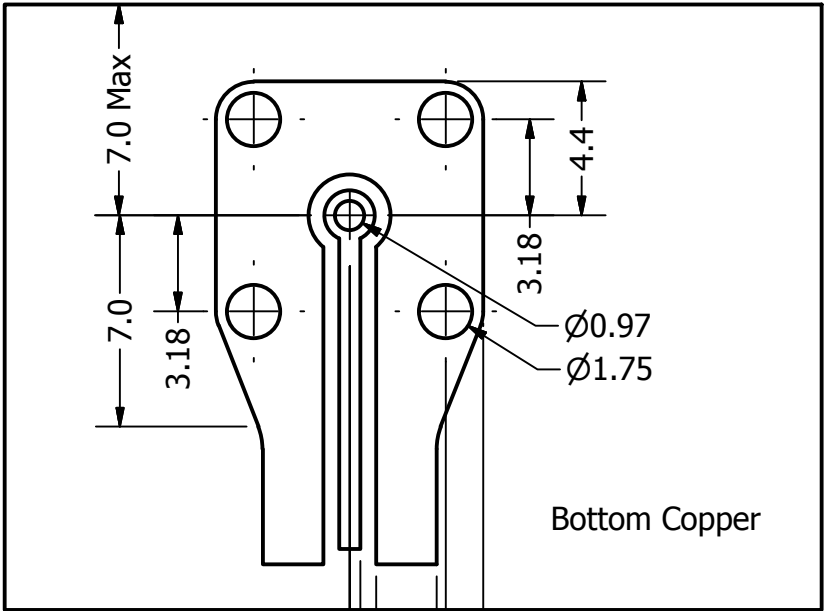
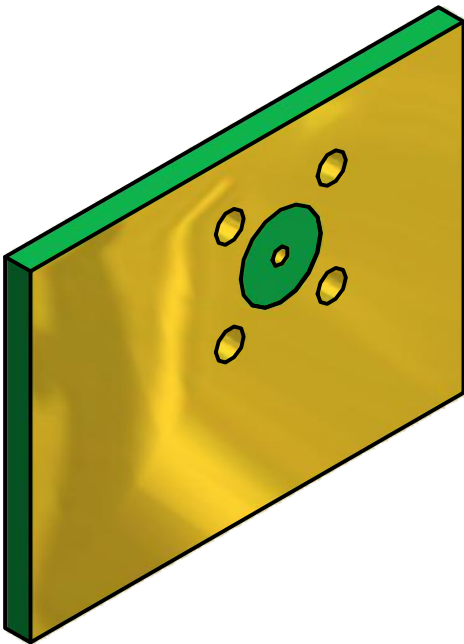
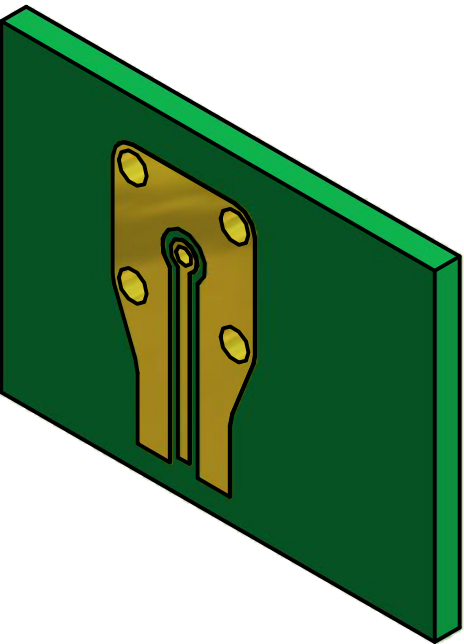


REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
1.2	PCB Layout Added	14/06/2007	Peter Fayers
1.3	Electromechanical data added	17/03/2009	Peter Fayers
1.4	Material Ammendment	18/03/2009	P. Fayers
1.5	TPX cgn to PE	25/03/2009	P.Fayers

Status: WorkInProgress	Material: Zinc/PhosBronze	Finish: Ni/Au	X. - +-0.5 X.X - +-0.05 X.XX - +-0.002	DO NOT SCALE		
	Designed by Peter Fayers	Checked by	Approved by	Date 14/06/2007	©2007	A3
	C.E.I. Ltd				R/A BNC (F) BNC PCB Mount 75 Ohm	
			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.		XBV-1049-NAAY	Issue 1.5 Sheet 1 / 2

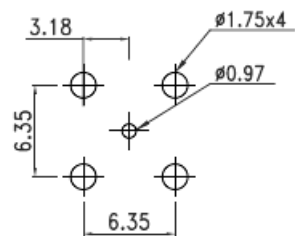
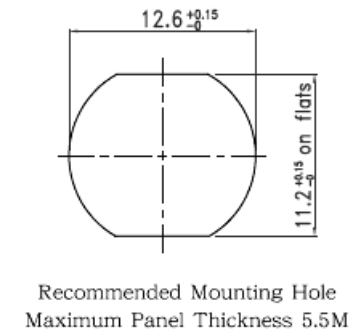
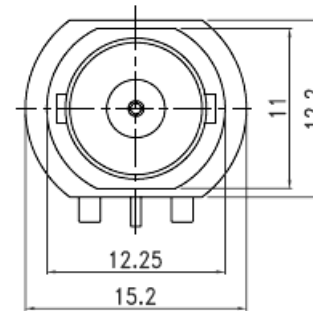
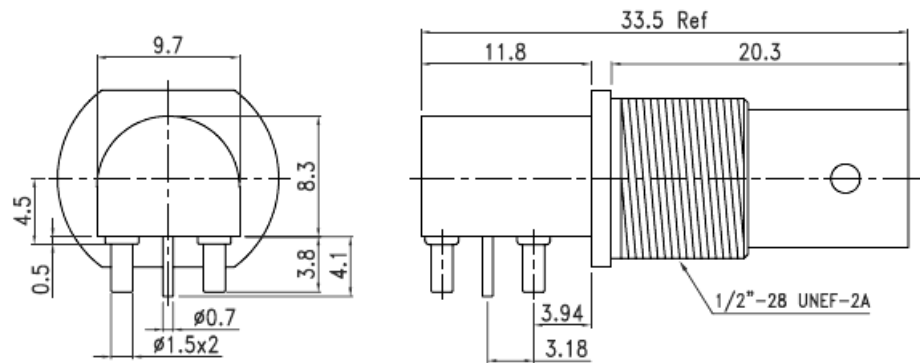
Suggested PCB Layout.

Finite Ground Coplanar
Waveguide with Ground
Plane for 75 Ohms (Approx)
PCB characteristic Impedance.

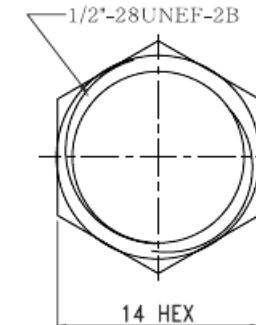
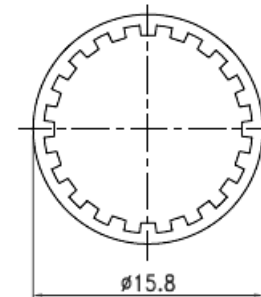
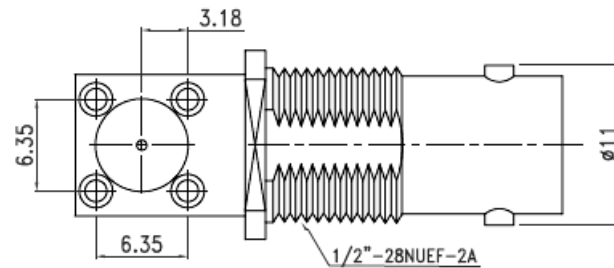


REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
1.2	PCB Layout Added	14/06/2007	Peter Fayers
1.3	Electromechanical data added	17/03/2009	Peter Fayers
1.4	Material Ammendment		P. Fayers
1.5			P. Fayers

Status: WorkInProgress	Material: FR4 1.6mm	Finish: 10Z Cu	X. - +0.5 X.X - +0.05 X.XX - +0.002	DO NOT SCALE		
	Designed by Peter Fayers	Checked by	Approved by	Date 14/06/2007	©2007	A3
	C.E.I. Ltd			R/A BNC (F) BNC PCB Mount 75 Ohm		
				XBV-1049-NAAY		Issue 1.5 Sheet 2 / 2



Recommended PCB Layout



5	Nut	Brass	Nickel
4	Washer	Steel	Nickel
3	Pin	P. Bronze	Gold (P)
2	Insulator	TPX	None
1	Body	Diecast	Nickel
ITEM	Description	Material	Finish

TITLE BNC Female Low pro R/A 50 Ohm



Cambridge Connectors

Denny Industrial Centre, Waterbeach, Cambridge. CB5 9PB
Tel: (01223) 860041 Fax: (01223) 863625

		14/07/2008
1.0	Origin	14/07/2008
Iss. No.	CHANGE	Sig. Date
Originated	PF	14/07/2008
Drn.	PF	14/07/2008
Chkd.		14/07/2008
Dwg. No.	XBV-1049-NAAW	