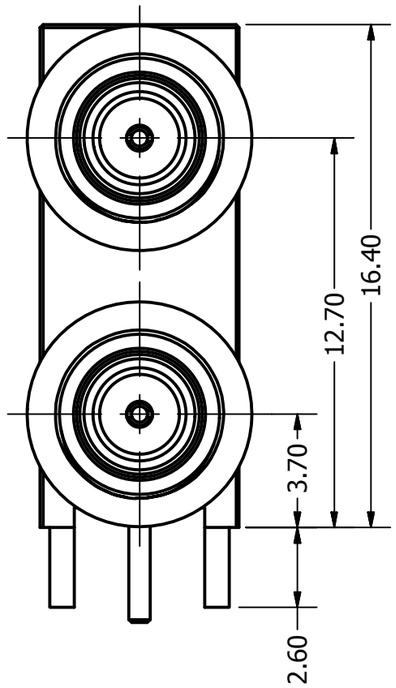
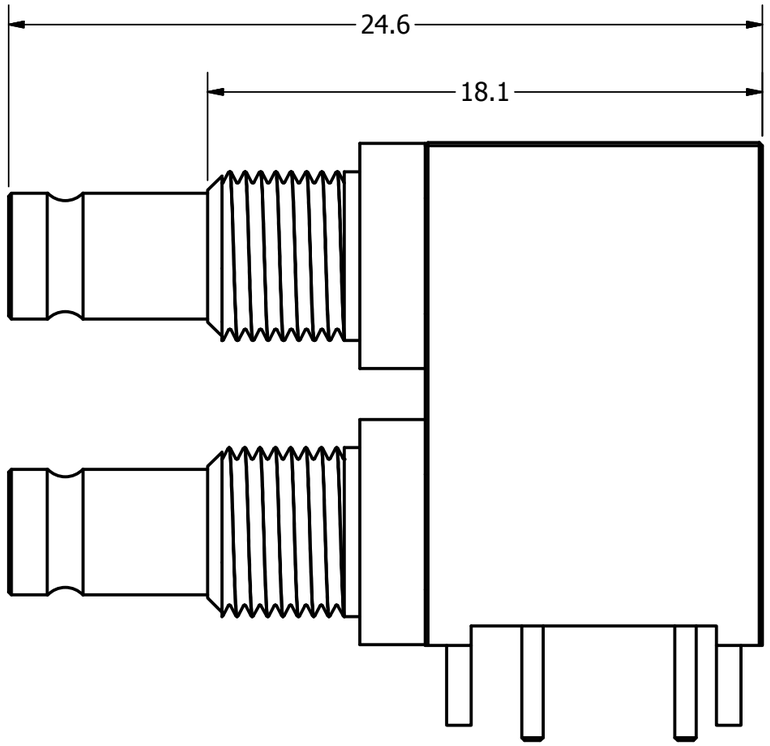
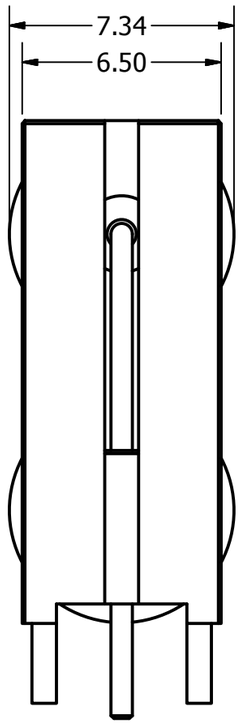
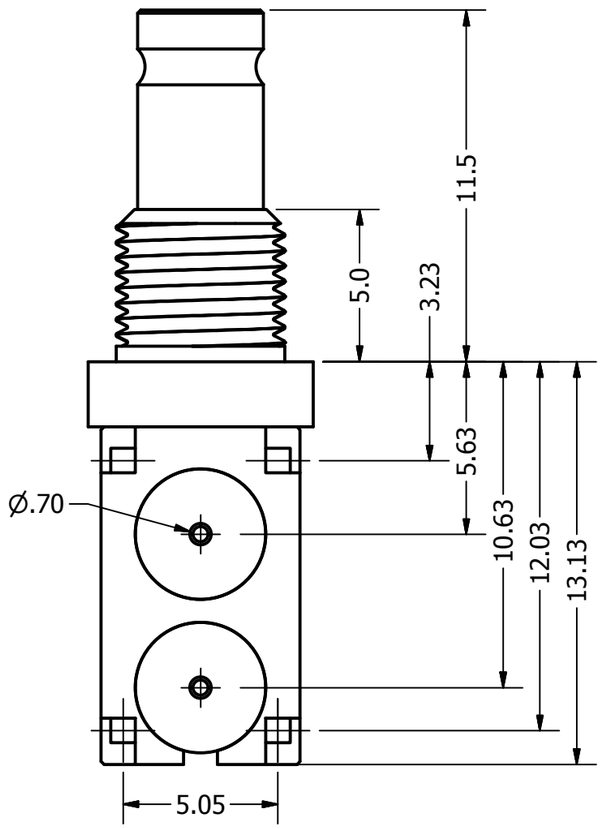
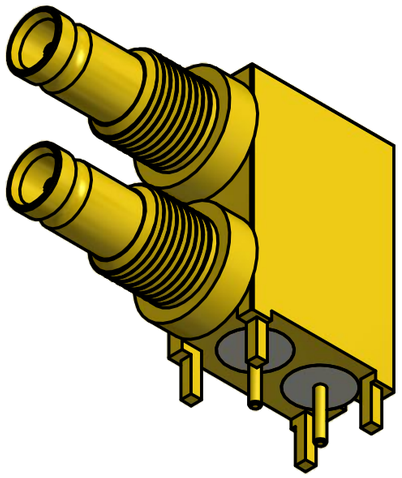






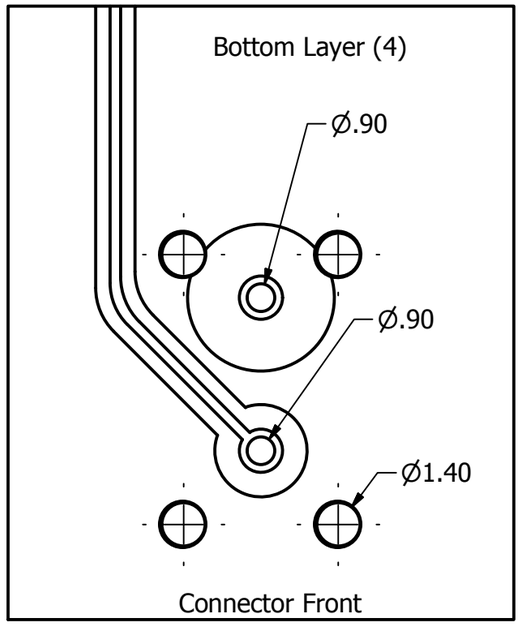


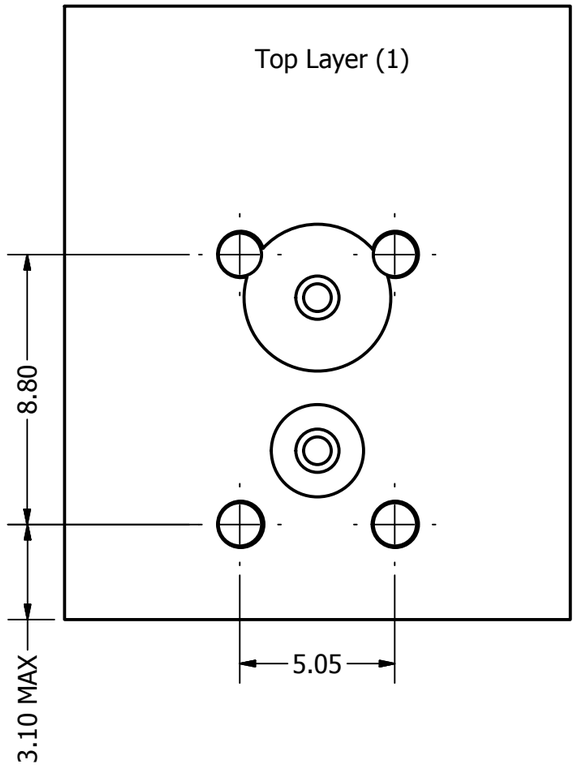


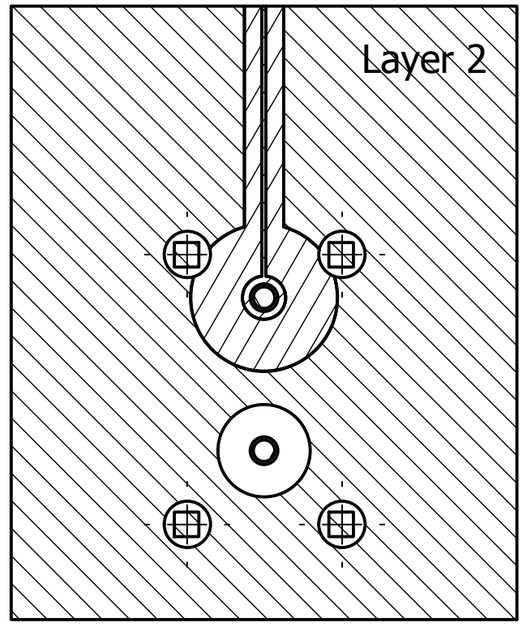
Supplied with 2 x M5.5 Circular Nuts

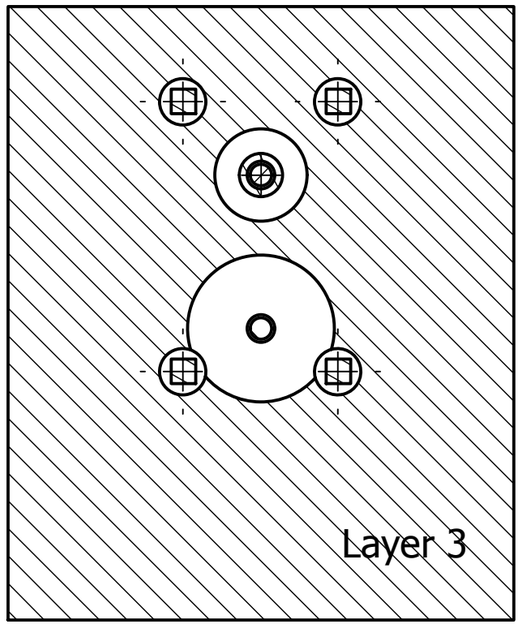
REVISION HISTORY			
REV	DESCRIPTION	DATE	DESIGNER
1.0	Origin	06/07/2010	P.Fayers
1.1	Nut and application data added	06/07/2010	P.Fayers
1.2	Material chg to BeCu	12/07/2010	P.Fayers
1.3	PCB Layout Detailed	18/10/2011	P.Fayers
1.4	Part Number Issued	16/08/2012	P.Fayers

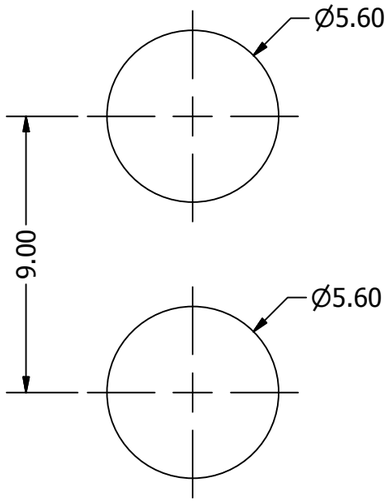
Design Right Protected	Material: Brass/PTFE/BeCu		Finish: Au/Nat/Au	Gen Tol +/- 0.20	DO NOT SCALE	
Third Angle Projection	Designed by P.Fayers	Checked by	Approved by	Date	©2010	Date 02/07/2010	A3
RoHS Compliant	**C.E.I. Ltd**		Dual 1.0/2.3 Connector			
			C-SX-115G		Issue 1.4	Sheet 1 / 3



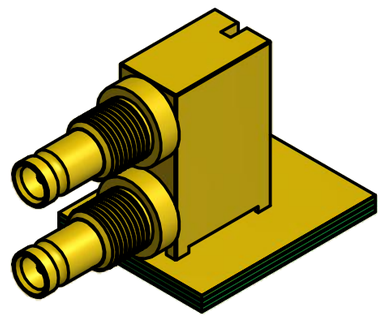








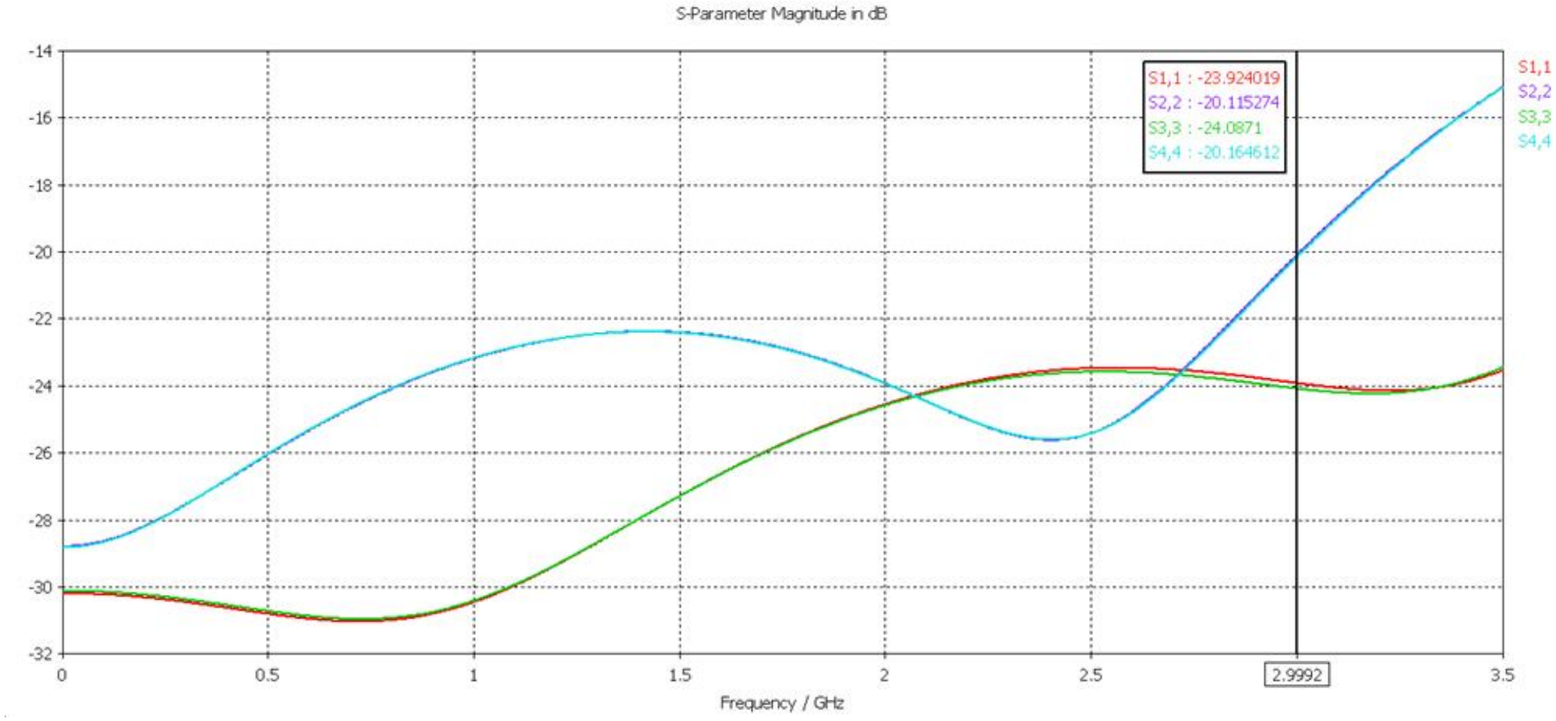
Panel Cut Out



Design Right Protected	Material:		Finish:	Gen Tol +/- 0.20	DO NOT SCALE
Third Angle Projection	Designed by P.Fayers	Checked by	Approved by Date	©2010	Date 02/07/2010 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.	Dual 1.0/2.3 Connector		
			C-SX-115G	Issue 1.4	Sheet 2 / 3

Electrical:

Impedance	75 Ohms
Freq Range	0-3.2GHz
Working Voltage	250 Vrms
Dielectric withstanding voltage	750 Vrms
Reflection Factor (VSWR)	1.17 Max DC-1.5GHz
	1.23 Max 1.5GHz-3.0GHz
	1.31 Max 3.0GHz-3.2GHz
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

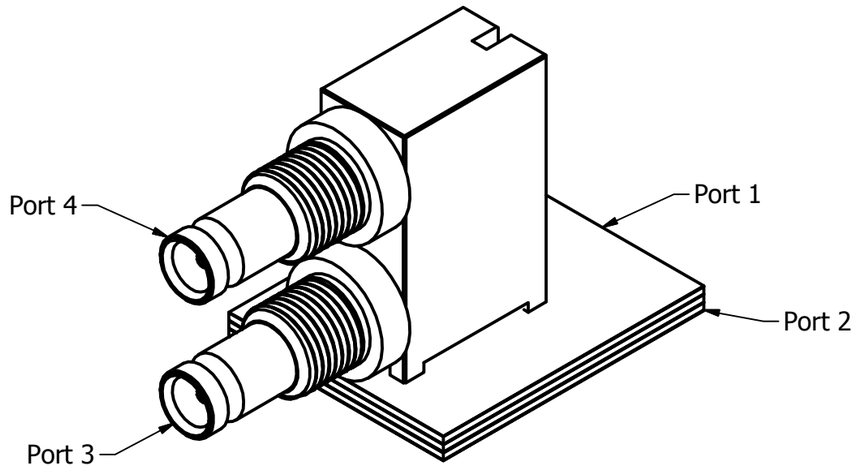
Environmental:

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



Port designations

Port 1 = PCB Lower Coax Connector
Port 2 = PCB Upper Coax Connector
Port 3 = Coax Lower
Port 4 = Coax Upper

Design Right Protected	Material:		Finish:	Gen Tol +/- 0.20	DO NOT SCALE
Third Angle Projection	Designed by P.Fayers	Checked by	Approved by Date	©2010	Date 02/07/2010 A3
RoHS Compliant	**C.E.I. Ltd**		Dual 1.0/2.3 Connector		
			C-SX-115G	Issue 1.4	Sheet 3 / 3