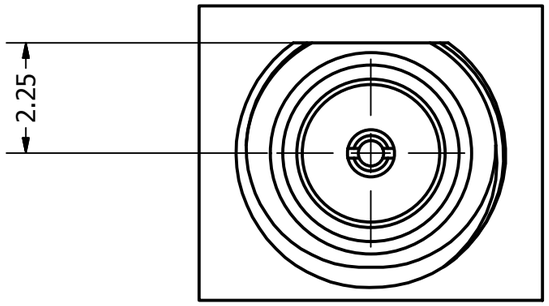
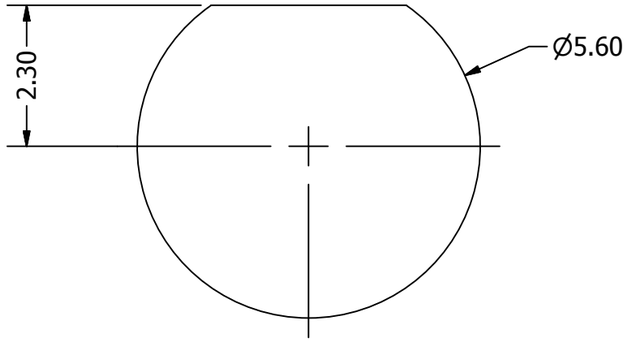
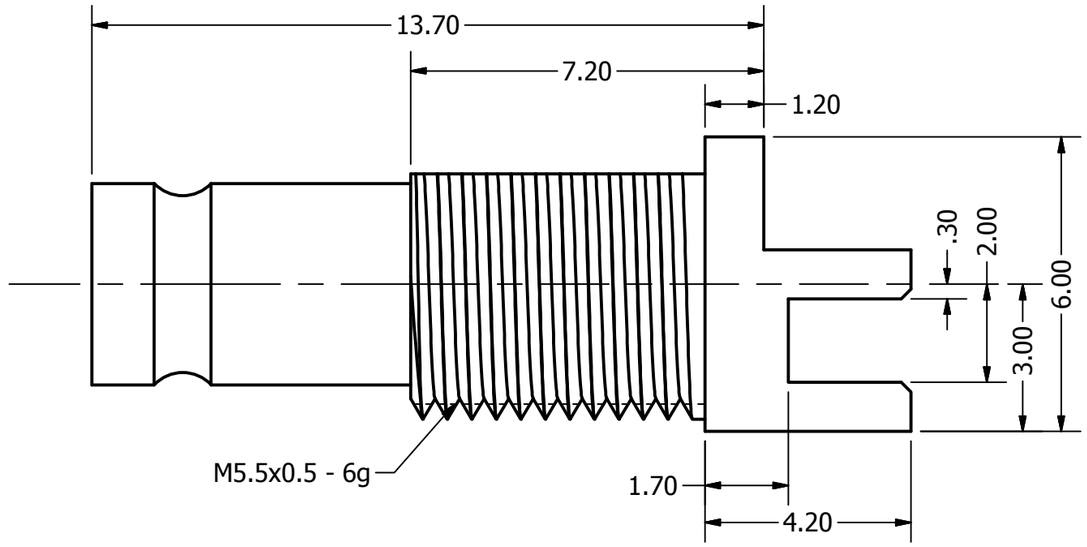
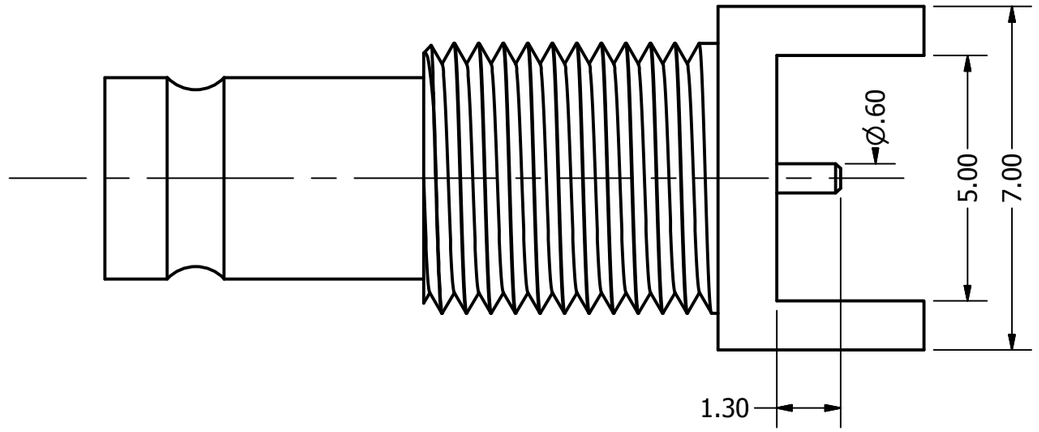
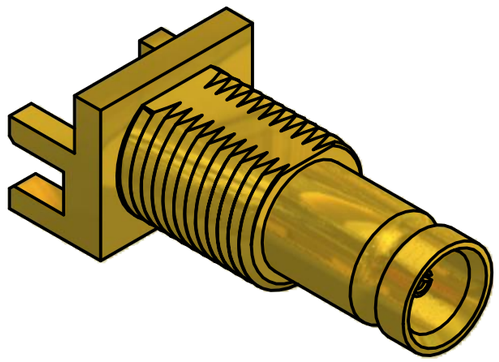




Panel
Cut Out







Note: Supplied with Nut

REVISION HISTORY			
REV	DESCRIPTION	DATE	DESIGNER
1.0	Origin	10/12/2009	P. Fayers
1.1	Additional Dims Added	01/07/2010	P. Fayers
1.2	RevisedElectro-Mechanical Data	05/07/2012	P. Fayers

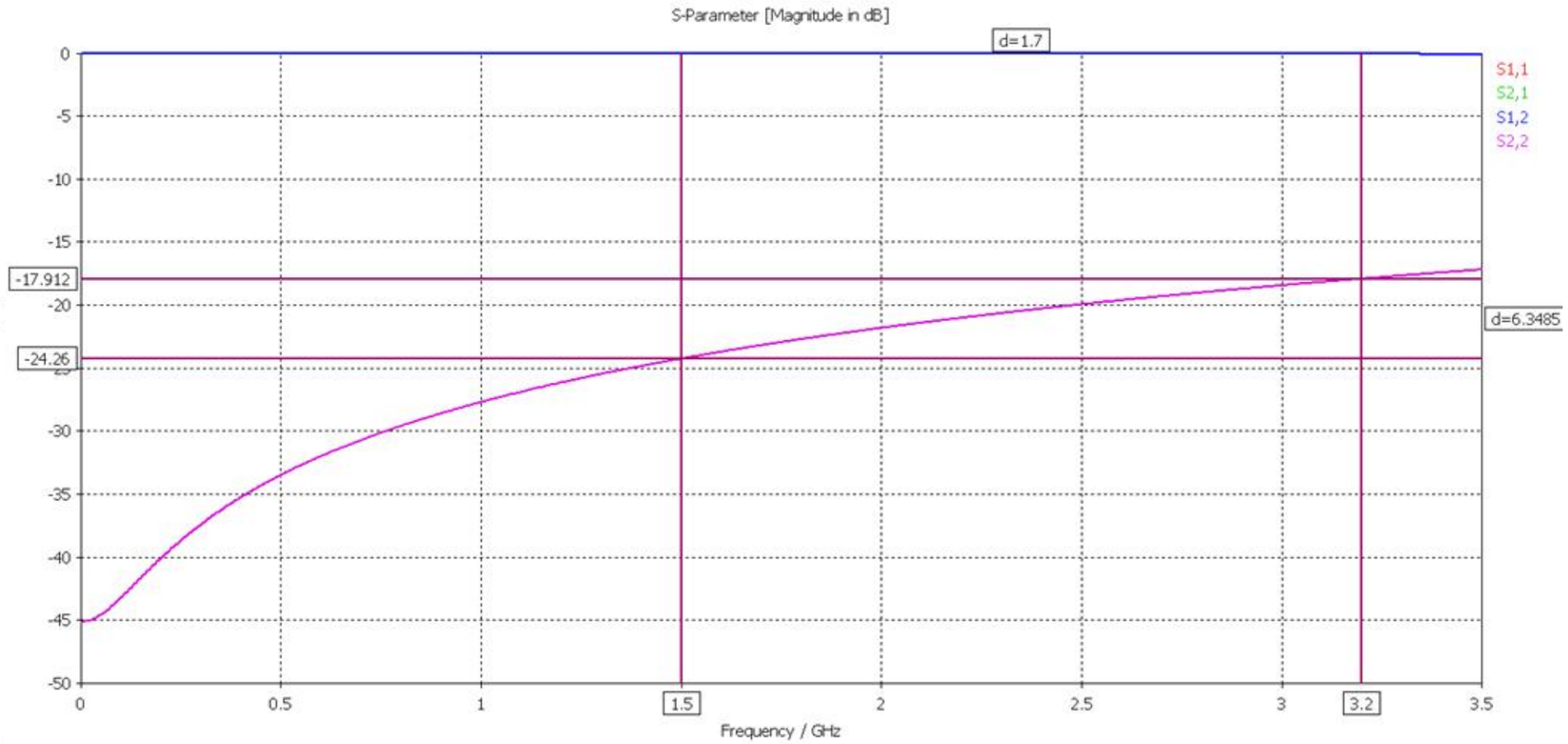
Design Right Protected	Material: Brass/beCu/PTFE		Finish: Au/Au/Nat	Gen Tol +/- 0.20	DO NOT SCALE	
Third Angle Projection	Designed by P. Fayers	Checked by	Approved by	Date	©2009	Date 10/12/2009	A3
RoHS Compliant	**C.E.I. Ltd**		1.0/2.3 Edge Mount (F) Cust			
			C-SX-098G		Issue 1.2	Sheet 1 / 2

Electrical:

Impedance	75 Ohms
Freq Range	0-3.2GHz
Working Voltage	250 Vrms
Dielectric withstanding voltage	750 Vrms
Reflection Factor (VSWR)	1.13 Max DC-1.5GHz
	1.29 Max 1.51GHz-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:

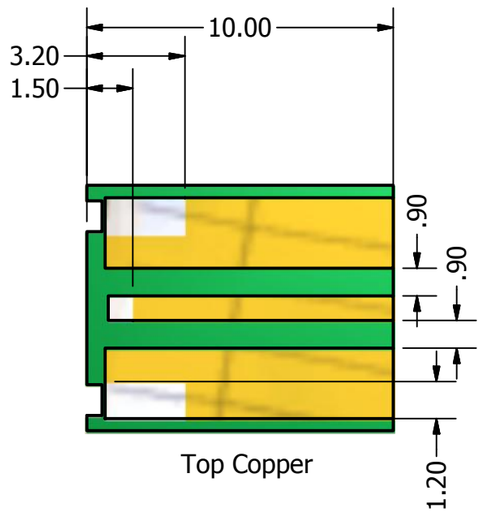
Temp Range: -65 to +85°C

Mating cycles: 500

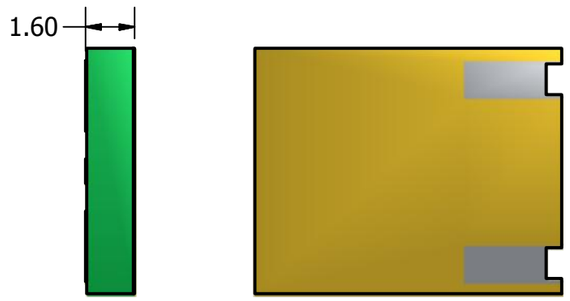
Vibration: MIL-STD-202 Method 204 test condition B

Salt Spray: MIL-STD-202 Method 101 test condition B

Suggested 75 Ohm PCB Layout



Top Copper



Bottom Copper

Design Right Protected	Material: FR4 1.6 mm		Finish: 1oZ Cu	Gen Tol +/- 0.20	DO NOT SCALE
Third Angle Projection	Designed by P. Fayers	Checked by	Approved by Date	©2009	Date 10/12/2009 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 Edge Mount (F) Cust		
			C-SX-098G	Issue 1.2	Sheet 2 / 2