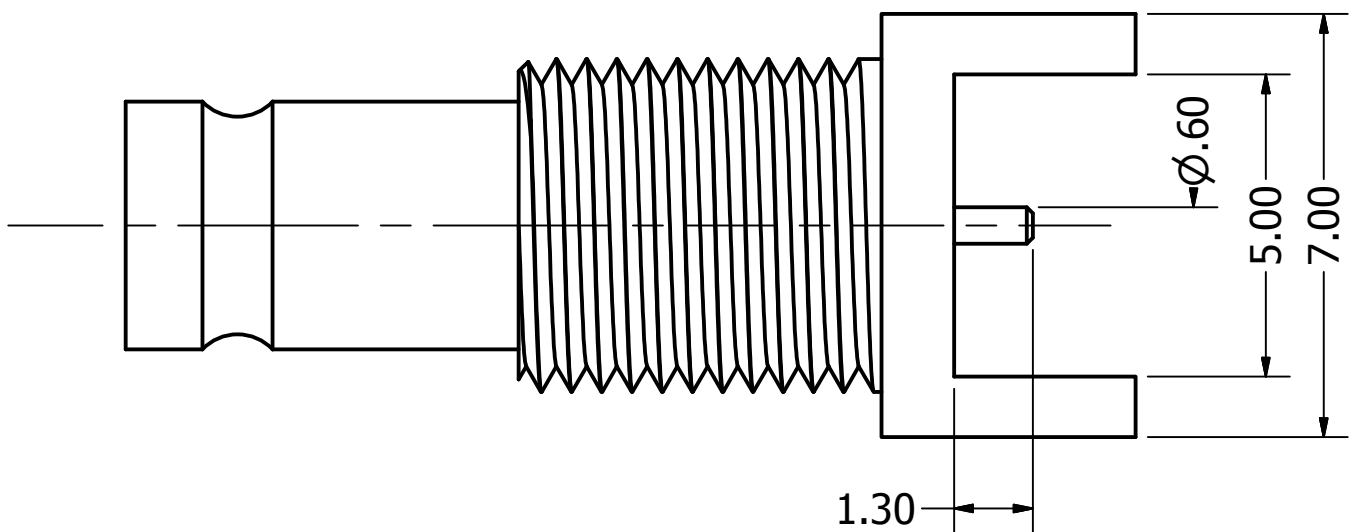
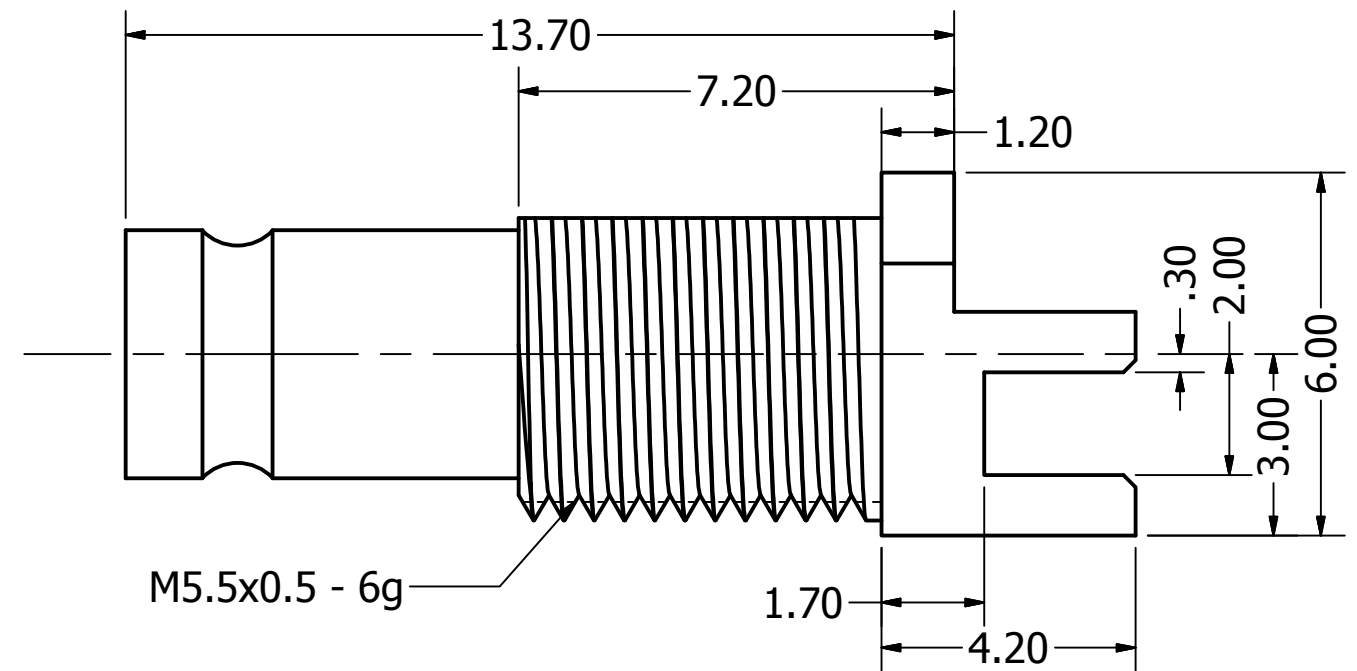
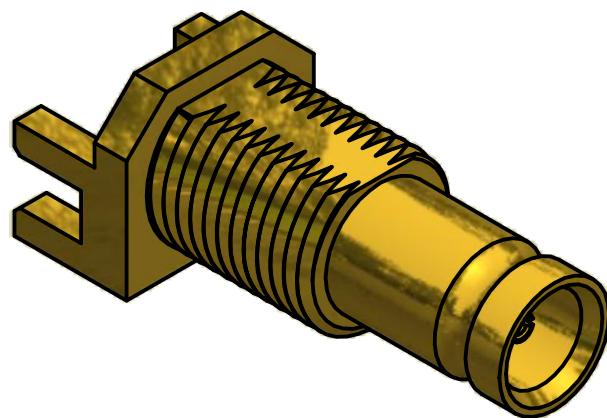
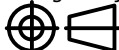


Panel
Cut Out



Note: Supplied with Nut

REVISION HISTORY							
REV		DESCRIPTION		DATE		DESIGNER	
1.0		Origin		15/12/2011		P. Fayers	
Design Right Protected	Material: Brass/BeCu/PTFE		Finish: Au/Au/Nat		Gen Tol +/- 0.20	DO NOT SCALE	
						Unit of measure: millimetres(mm)	
Third Angle Projection 	Designed by P. Fayers	Checked by	Approved by	Date	©2013	Date 15/12/2011	A3
RoHS Compliant	Cambridge Electronic Industries Ltd	This document and all the data contained herein is and shall remain the property of Cambridge Electronic Industries Ltd and may not be used or copied for any purpose whatsoever without the written permission of Cambridge Electronic Industries Ltd.		1.0-2.3 Edge Mount 6GHz Socket			
				C-SX-127G		Issue 1.0	Sheet 1 / 2

D

C

B

A

Electrical:

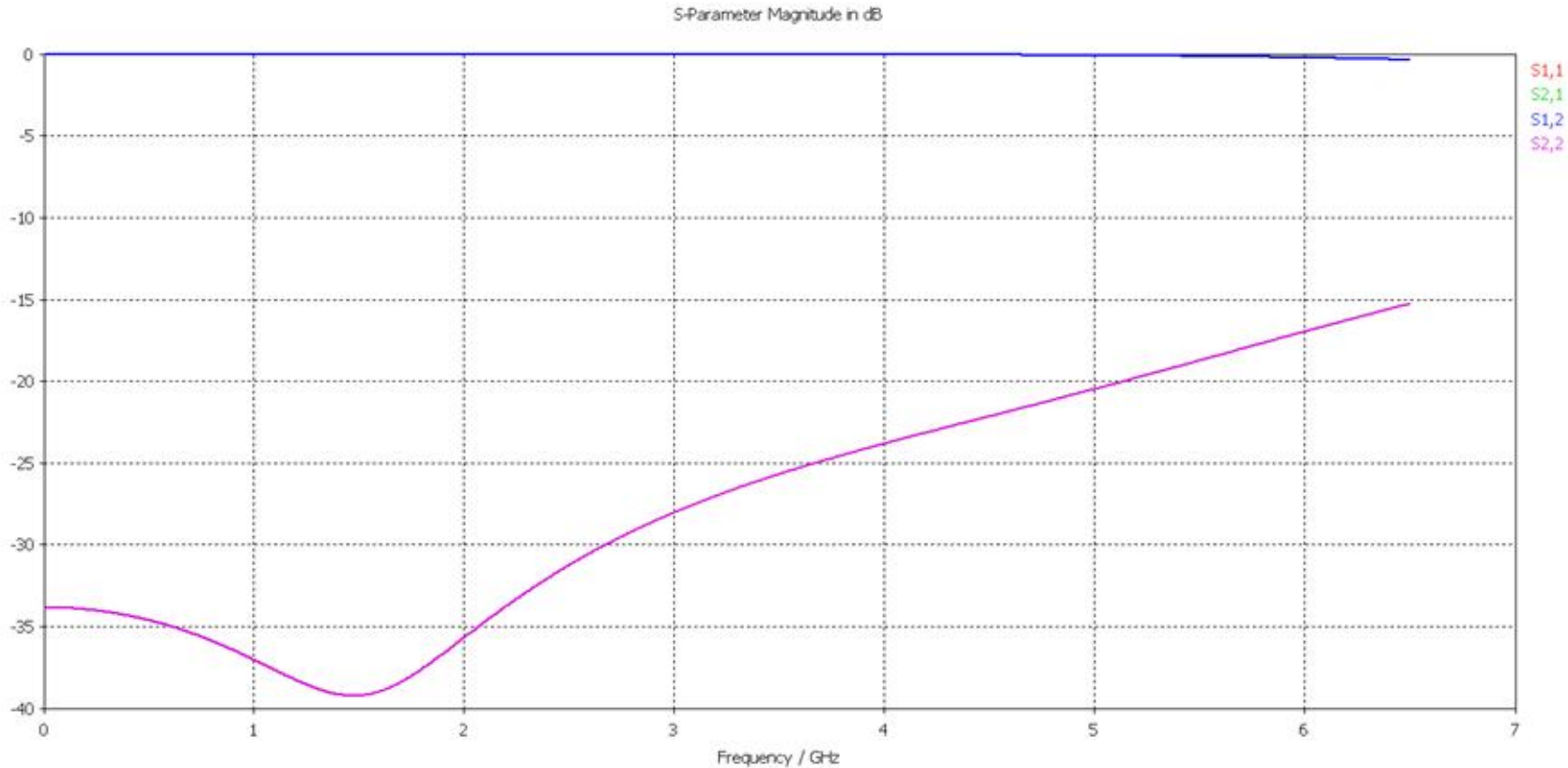
Impedance	75 Ohms
Freq Range	0-6.0GHz
Working Voltage	250 Vrms
Dielectric withstanding voltage	750 Vrms
Reflection Factor (VSWR)	1.1 Max DC-3.0 GHz 1.32 Max 3.0 GHz-6.0 GHz
Contact Resistance	Centre Contact 4.0 m Ohm Outer Contact 2.5 m Ohm
Insulation Resistance	> 1000 Meg Ohm

Materials:

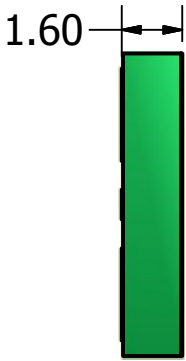
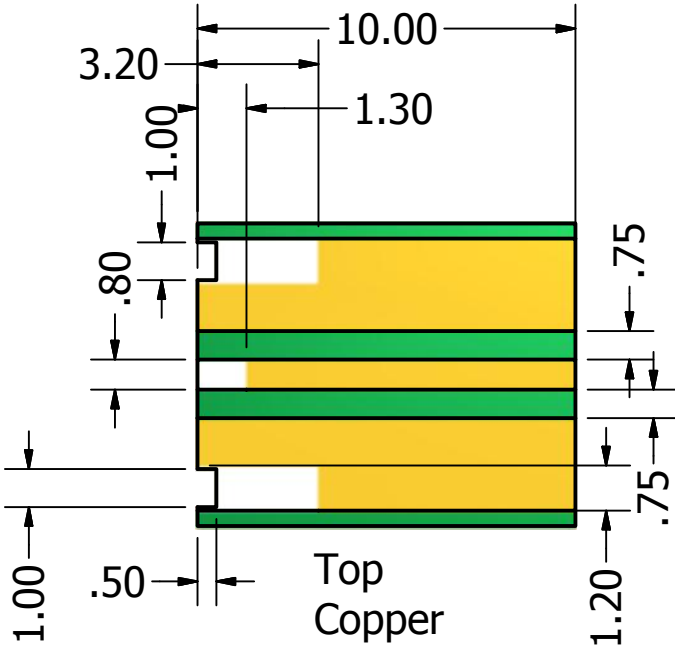
Centre Pin	BeCu /10u" Au
Metal Parts	Brass/Au
Insulators	PTFE

Enviromental:

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



Bottom Copper

Design Right Protected Third Angle Projection 	Material: FR4 1.6 mm		Finish: 1oz Cu		Gen Tol +/- 0.20		DO NOT SCALE	
	Designed by P. Fayers		Checked by		Approved by		Date	
RoHS Compliant	Cambridge Electronic Industries Ltd		This document and all the data contained herein is and shall remain the property of Cambridge Electronic Industries Ltd and may not be used or copied for any purpose whatsoever without the written permission of Cambridge Electronic Industries Ltd.		1.0-2.3 Edge Mount 6GHz Socket		©2013	
							Date 15/12/2011	
				C-SX-127G		Issue 1.0		Sheet 2 / 2

D

C

B

A