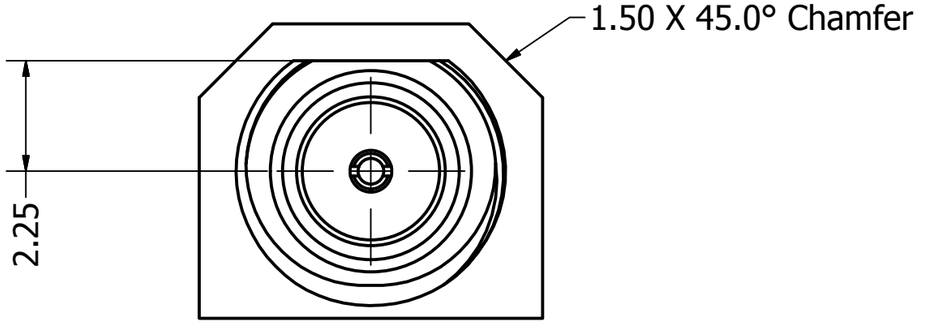
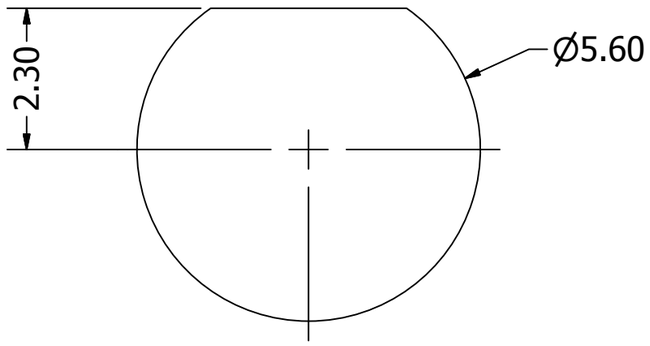
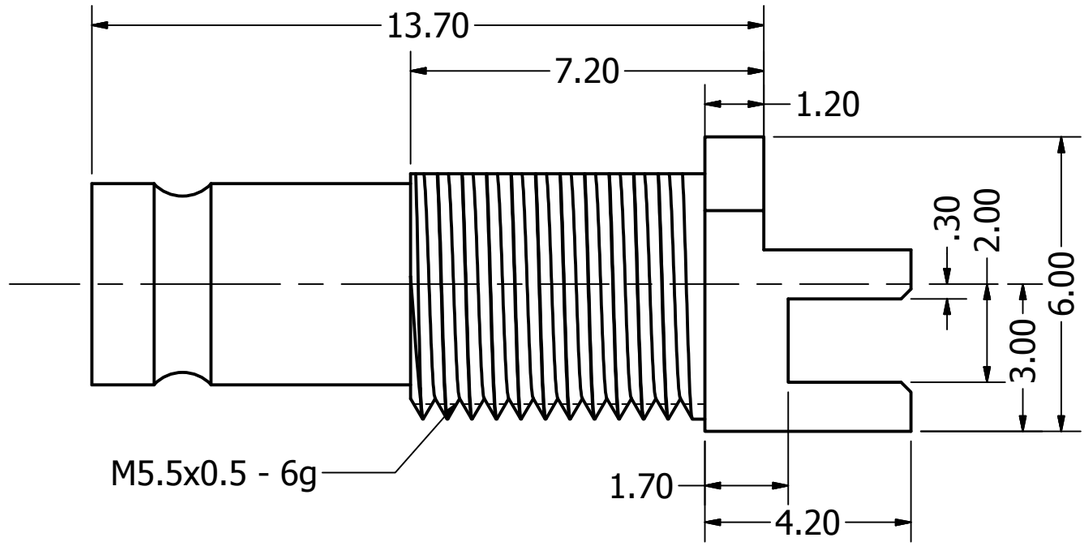
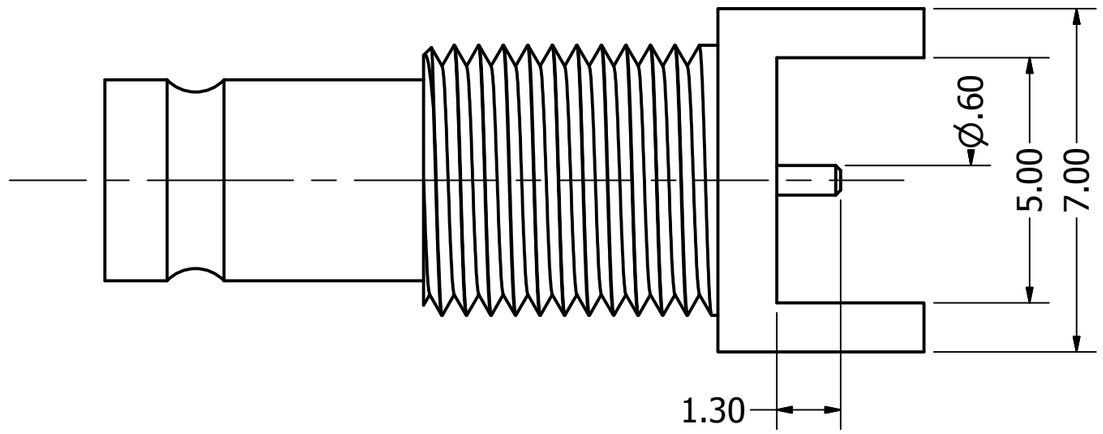
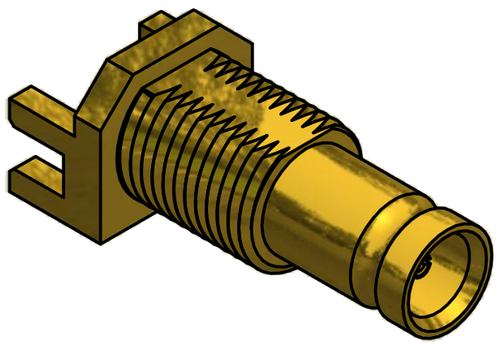




Panel
Cut Out







Note: Supplied with Nut

REVISION HISTORY			
REV	DESCRIPTION	DATE	DESIGNER
1.0	Origin	15/12/2011	P. Fayers

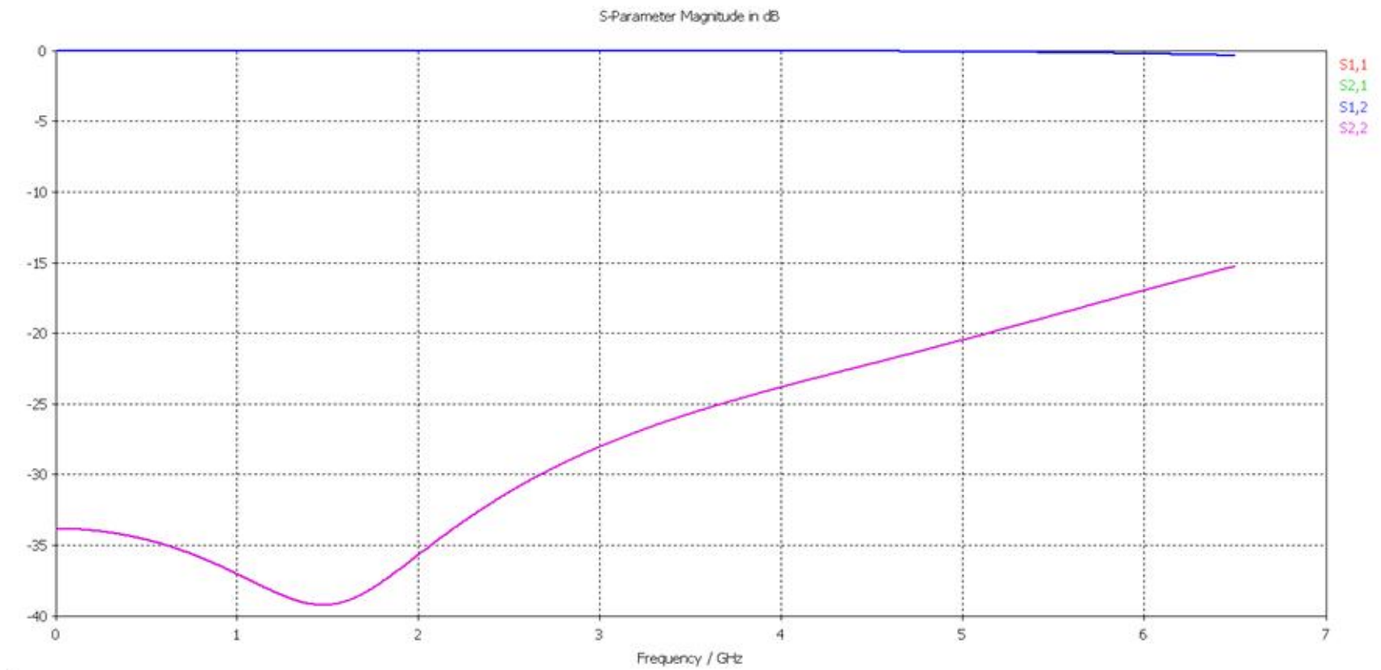
Design Right Protected	Material: Brass/BeCu/PTFE		Finish: Aui/Au/Nat	Gen Tol +/- 0.20	DO NOT SCALE Unit of measure: millimetres(mm)	
Third Angle Projection	Designed by P. Fayers	Checked by	Approved by	Date	©2013	Date 15/12/2011	A3
RoHS **Compliant**	**Cambridge Electronic Industries Ltd**		1.0-2.3 Edge Mount 6GHz Socket			
			C-SX-127G		Issue 1.0	Sheet 1 / 2

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:

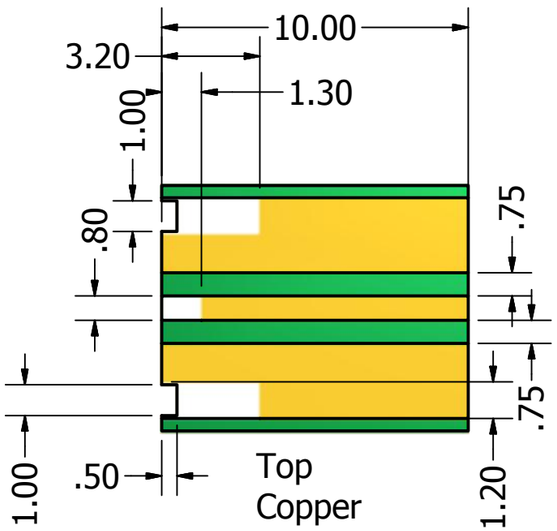
Temp Range: -65 to +85°C

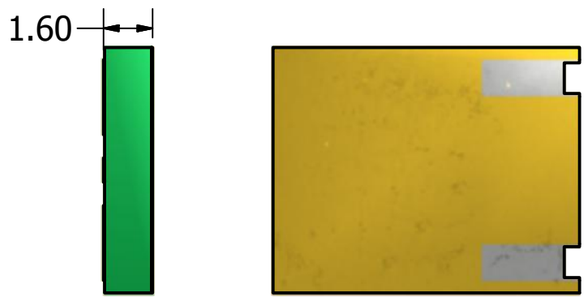
Mating cycles: 500

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

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

Suggested 75 Ohm PCB Layout





Design Right Protected Third Angle Projection	Material: FR4 1.6 mm		Finish: 1oZ Cu	Gen Tol +/- 0.20	DO NOT SCALE Unit of measure: millimetres(mm)
	Designed by P. Fayers	Checked by	Approved by Date	©2013	Date 15/12/2011 A3
RoHS **Compliant**	**Cambridge Electronic Industries Ltd**		1.0-2.3 Edge Mount 6GHz Socket		
			C-SX-127G	Issue 1.0	Sheet 2 / 2