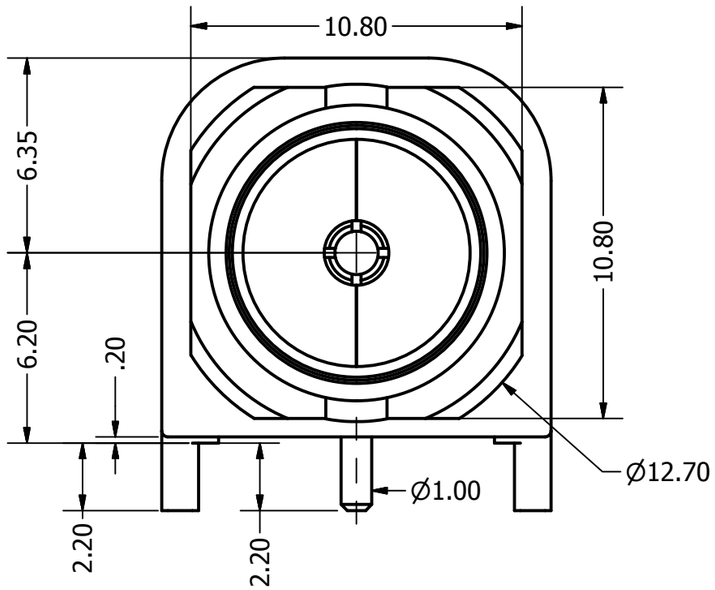
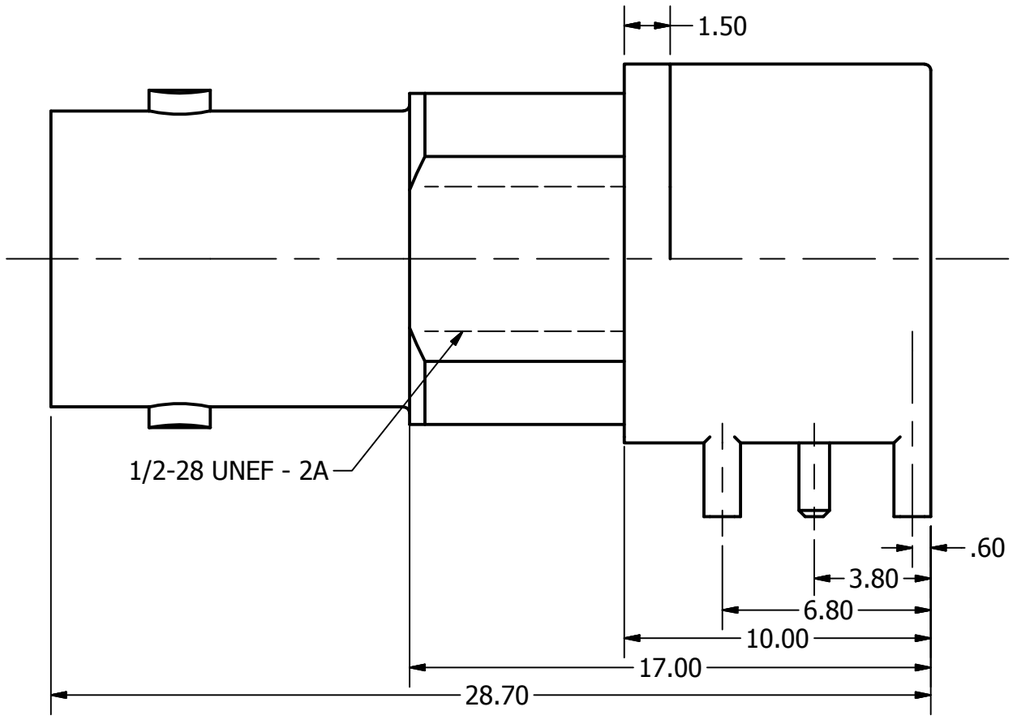
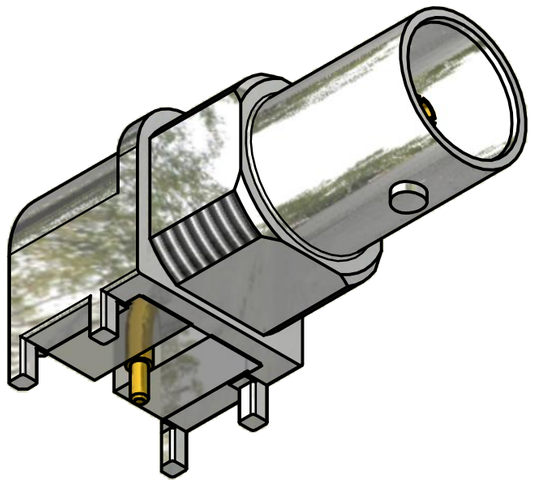
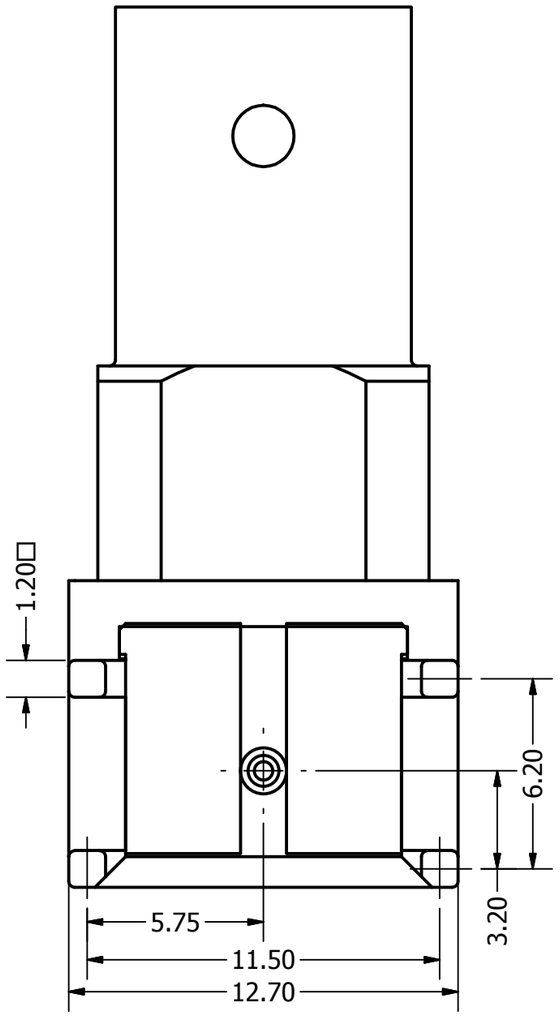




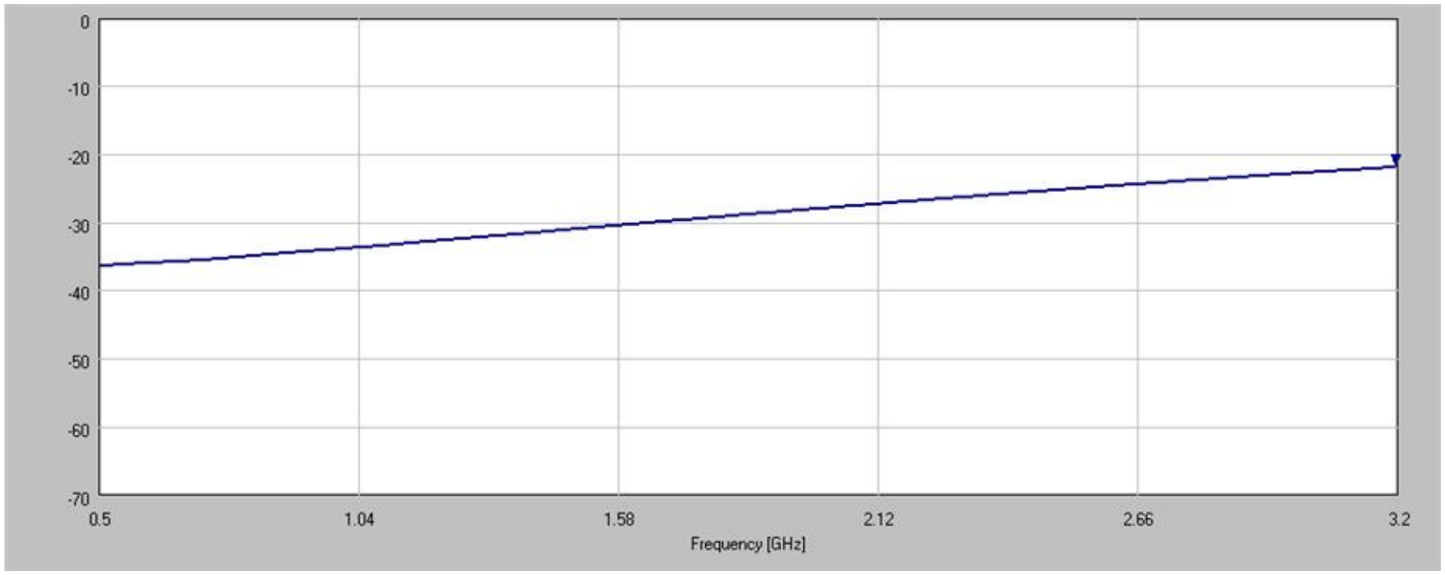


Note: No Nut and Washer Supplied.



REVISION HISTORY			
REV	DESCRIPTION	DATE	DESIGNER
1.0	Origin	03/02/2015	P. Fayers

Design Right Protected	Material: DC Zinc/Phosbronze/TPX		Finish: Ni/Au/Nat	Gen Tol +/- 0.20	DO NOT SCALE	
Third Angle Projection	Designed by P. Fayers	Checked by	Approved by Customer Date 14/04/2015	©2014	Unit of measure: millimetres(mm) Date 03/02/2015	A3
RoHS Compliant	**Cambridge Electronic Industries Ltd**		C-SX-116 with 2.2 mm Legs			
			C-SX-156		Issue 1.0	Sheet 1 / 2



Electrical:

Impedance	75 Ohms
Freq Range	0-3.2GHz
Working Voltage	500 Vrms
Dielectric withstanding voltage	1500 Vrms
Reflection Factor (VSWR)	1.10 Max DC-1.5GHz
	1.20 Max 1.5GHz-3.2GHz
Contact Resistance	Centre Contact 1.5 m Ohm
	Outer Contact 1.0 m Ohm
Insulation Resistance	>5000 Meg Ohm

Materials:

Centre Pin	Phosphor Bronze /10u" Au
Metal Parts	Die Cast Zinc/Ni
Insulator	UL94 HB TPX

Enviromental:

Temp Range: -65 to +85°C

Mating cycles: 250

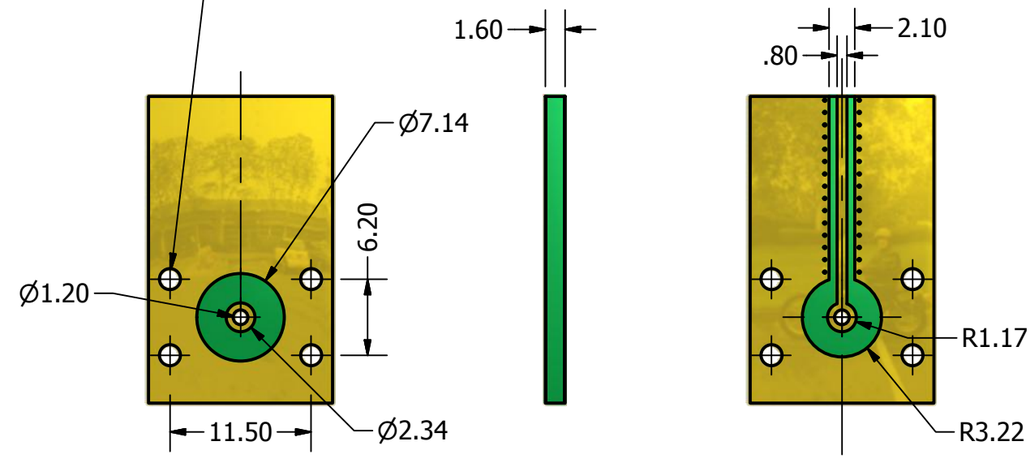
Processing:

Hand Solder

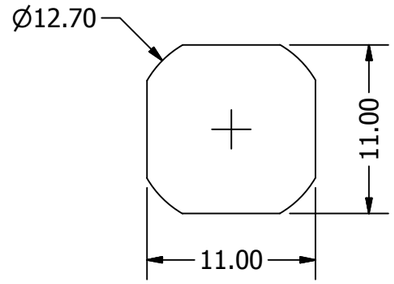
Wave solder capable to 265 °C

Temperatures up to 265°C may be used in Wave solder process. Dwell time 10-12 Seconds.

Ø1.70 We suggest a close fit hole in order to provide good rotational alignment.
However if alignment is not important or assembly jigs are to be used, then the hole size can be made larger.



PCB Layout



Panel
Cut Out

Design Right Protected	Material:		Finish:	Gen Tol +/- 0.20	DO NOT SCALE Unit of measure: millimetres(mm)
Third Angle Projection	Designed by P. Fayers	Checked by	Approved by Customer Date 14/04/2015	©2014	Date 03/02/2015 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.	C-SX-116 with 2.2 mm Legs		
			C-SX-156	Issue 1.0	Sheet 2 / 2