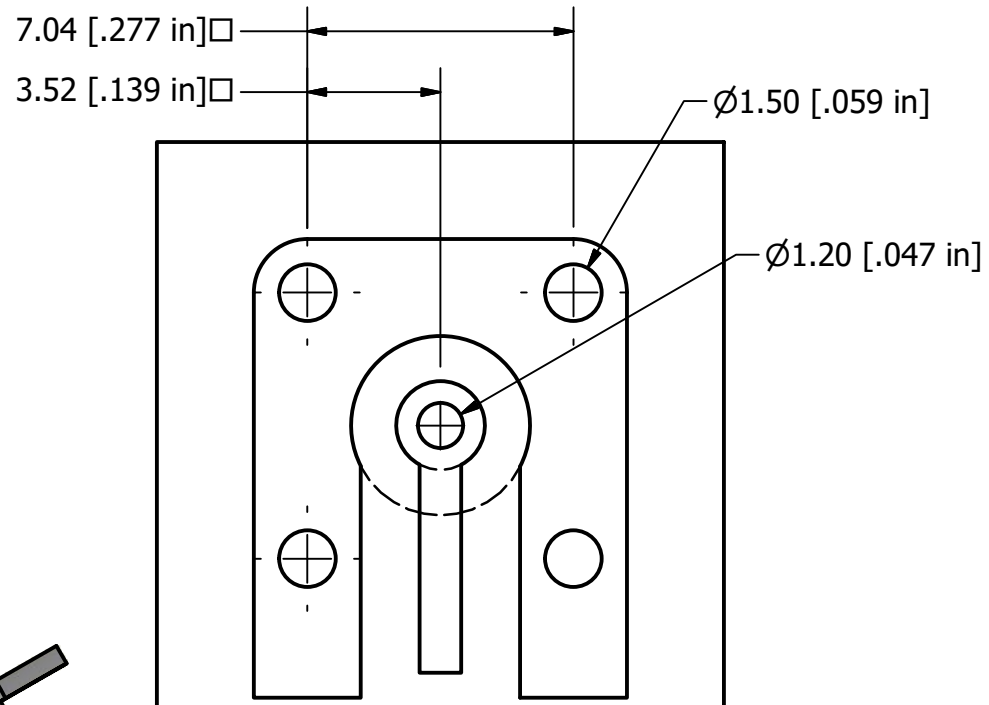
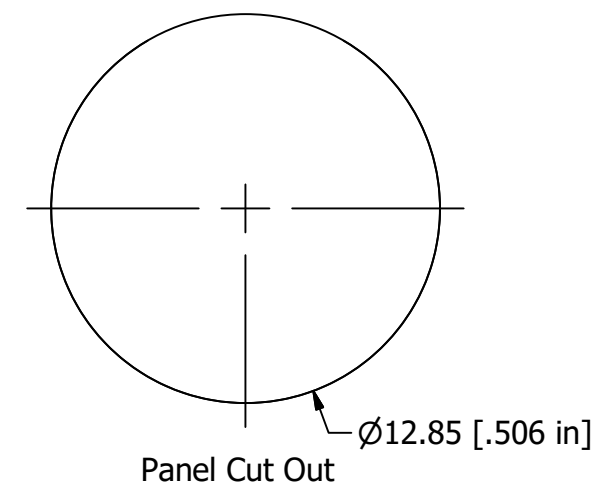


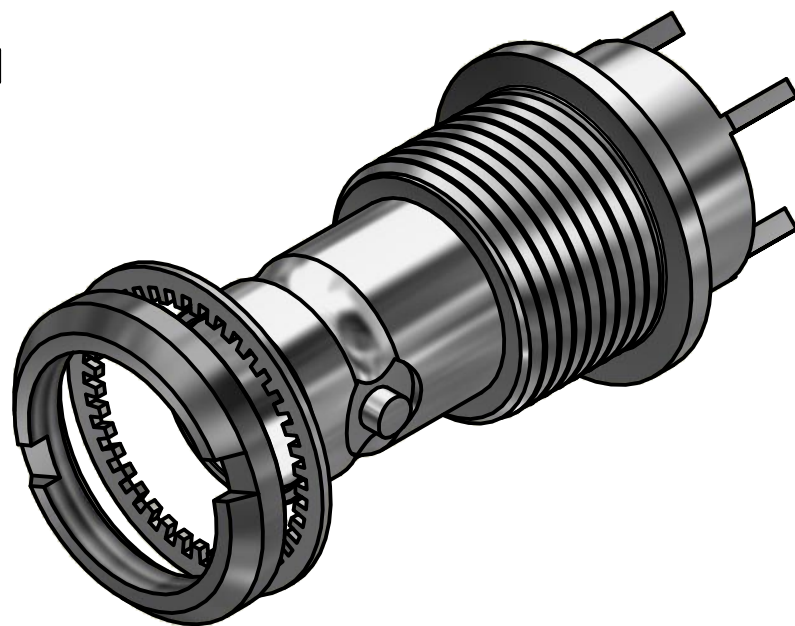
Note: Supplied with Circular Nut and washer



PCB Footprint



Panel Cut Out



REVISION HISTORY				
REV	DESCRIPTION	CHG REF	DATE	DESIGNER
1.0	Origin	NPF 7610	19-Jun-17	P.Fayers
1.1	Dim 14.5 Chg to 16mm	Customer FB	28-Jun-17	P.Fayers
1.2	Enviromental Data Updated	Customer FB	06-Jul-17	P.Fayers

<b>Design Right Protected</b> Third Angle Projection 	Material:		Finish: Ni/10u Au/Nat	Gen Tol ± 0.10	DO NOT SCALE Unit of Measure: millimetres (mm)	
	Designed by P.Fayers	Checked by	Approved by	Date	©2017	Date 19-Jun-17
<b>RoHS Compliant</b>	<b>Cambridge Electronic Industries Ltd</b>		Description: 75 Ohm Top Entry BH BNC Socket No Flat		Issue 1.2	Sheet 1 / 2
	<small>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.</small>		Part No: C-SX-180 (NPF 7610)			

**Electrical:**  
**Impedance** 75 Ohm s  
**Freq Range** 0-6.0 GHz  
**Working Voltage** 500 Vrms  
**Dielectric withstanding voltage** 1500 Vrms  
**Reflection Factor (VSWR)** 1.08 Max DC-3.0 GHz  
 1.20 Max 3.0 GHz-6.0 GHz  
**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<sup>a</sup> Au  
**Metal Parts** Brass/Ni  
**Insulators** PTFE - UL 94 V-0

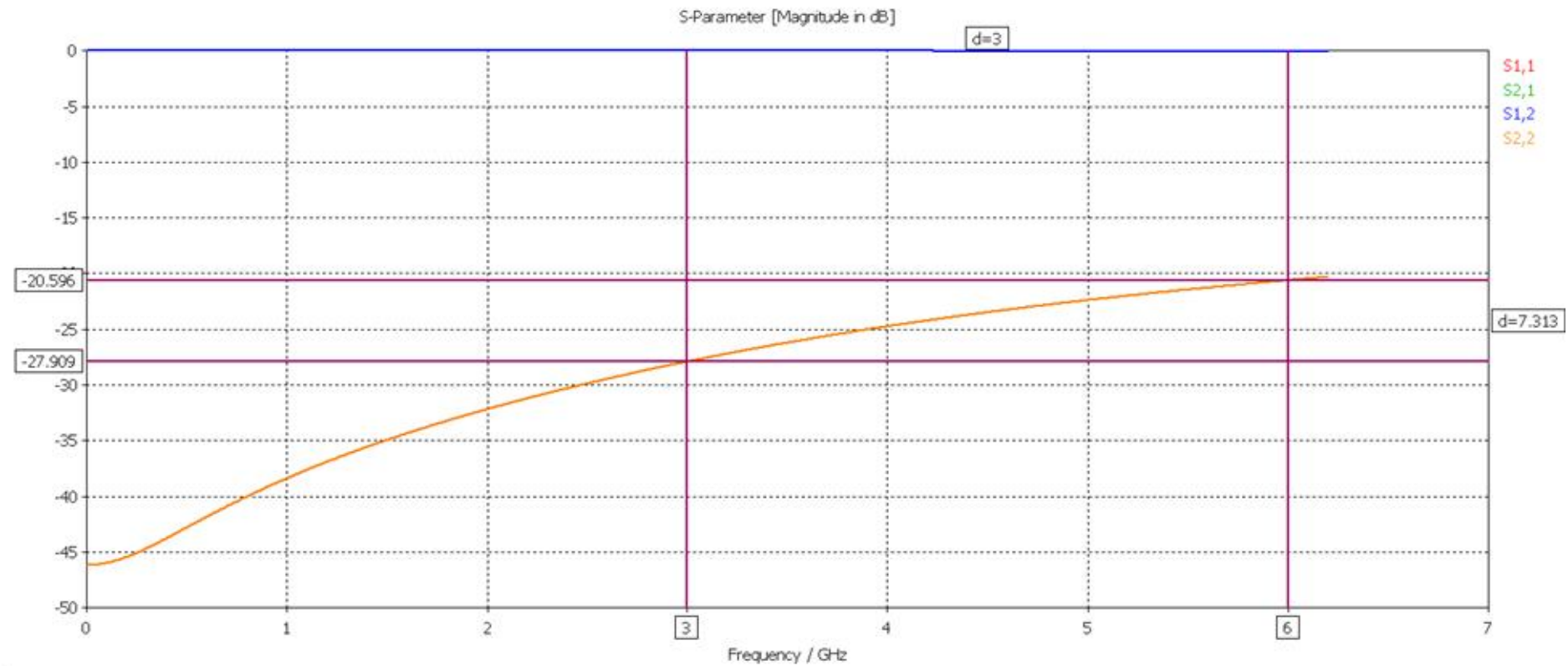
**Envirom ental:**  
**Temp Range:** -65 to +85 °C  
**Mating cycles:** 250  
**Salt Spray:** MIL-STD-202 Method 204 test condition B  
**Vibration:** MIL-STD-202 Method 101 test condition B

**Soldering Processes:**  
**Lead free wave soldering**

Solder bath temperature shall be maintained at 265 ± 5/C.  
 Hold time in the solder shall be 10 +2/-0 seconds.

**Hand Soldering**

Iron temperature shall be maintained at 380 ± 5/C.  
 Dwell time shall be 5 +2/-0 seconds.



<b>Design Right Protected</b> Third Angle Projection	Material:		Finish:		Gen Tol ± 0.10	DO NOT SCALE Unit of Measure: millimetres (mm)	
	Designed by P.Fayers	Checked by	Approved by	Date	©2017	Date 19-Jun-17	A3
<b>RoHS Compliant</b>	<b>Cambridge Electronic Industries Ltd</b>		Description: 75 Ohm Top Entry BH BNC Socket No Flat		Part No: C-SX-180 (NPF 7610)		
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