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**Electrical:**

Impedance	75 Ohms
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" Au
Metal Parts	Brass/Ni
Insulators	PTFE - UL 94 V-0

**Environmental:**

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

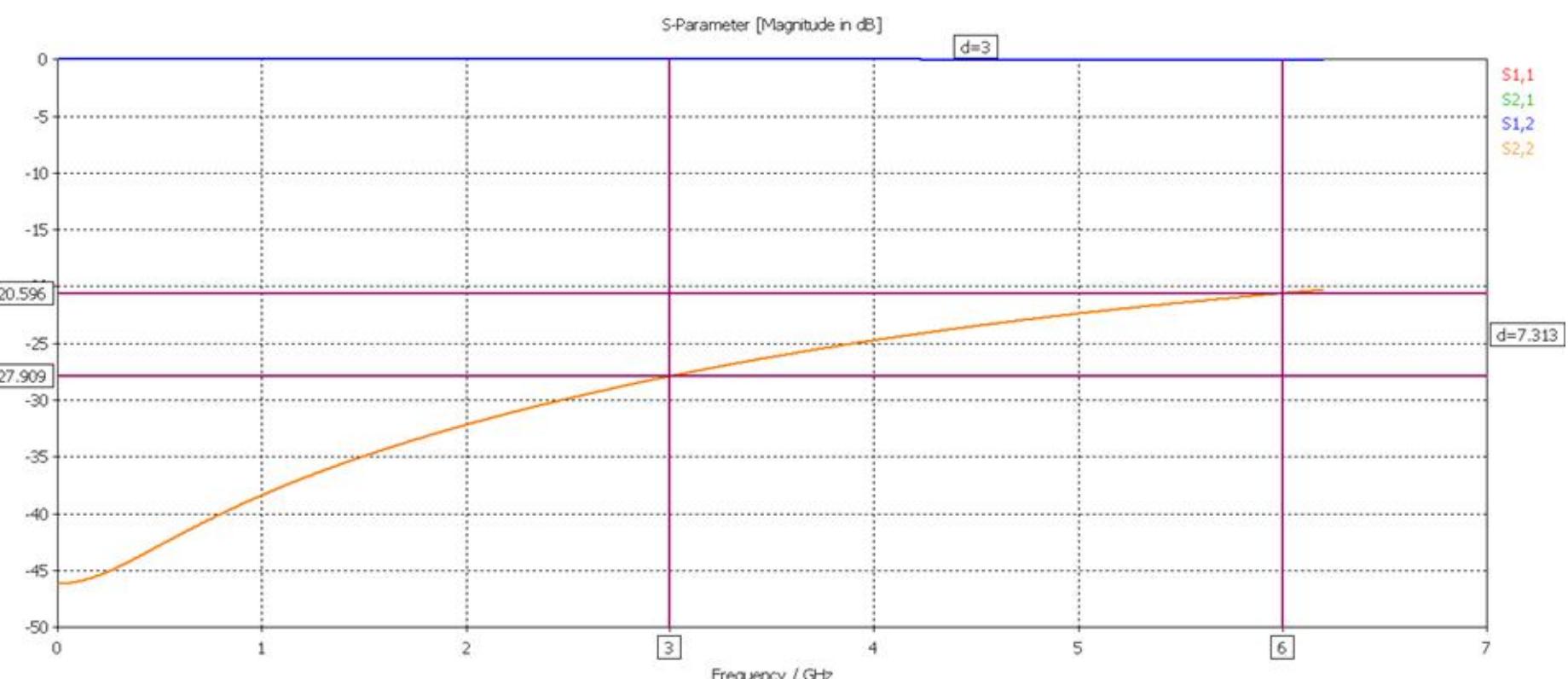
**Soldering Processes:**

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.



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