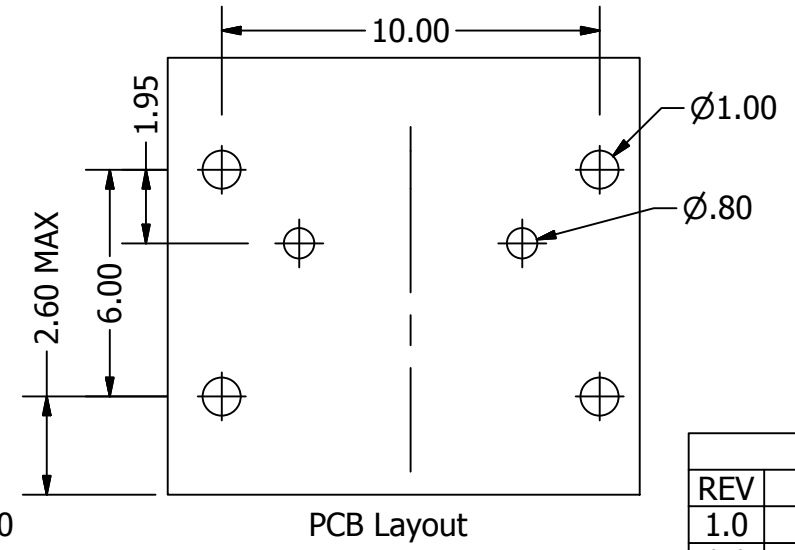


M2x0.4 - 6H
 √ Ø2.60 X 90.0°

REVISION HISTORY			
REV	DESCRIPTION	DATE	DESIGNER
1.0	Origin	05/09/2012	Peter Fayers
1.1	Electromagnetic data Revised	11/06/2014	Peter Fayers
1.2	Hight reduced and front leg moved	03/07/2014	Peter Fayers
1.3	Pitch Between interfaces 8.06 to 8.27 & Screw Boss Added	07/08/2014	Peter Fayers
1.4	Dim Added	17/09/2014	Peter Fayers
1.5	Lower Port moved down 0.25mm	17/09/2014	Peter Fayers
1.6	Body Hieght Chg	06/11/2014	Peter Fayers
1.7	Interface Barrele length 8.5 to 9.5	05/05/2015	Peter Fayers
1.8	Solder process Infomation Added	22/09/2015	Peter Fayers

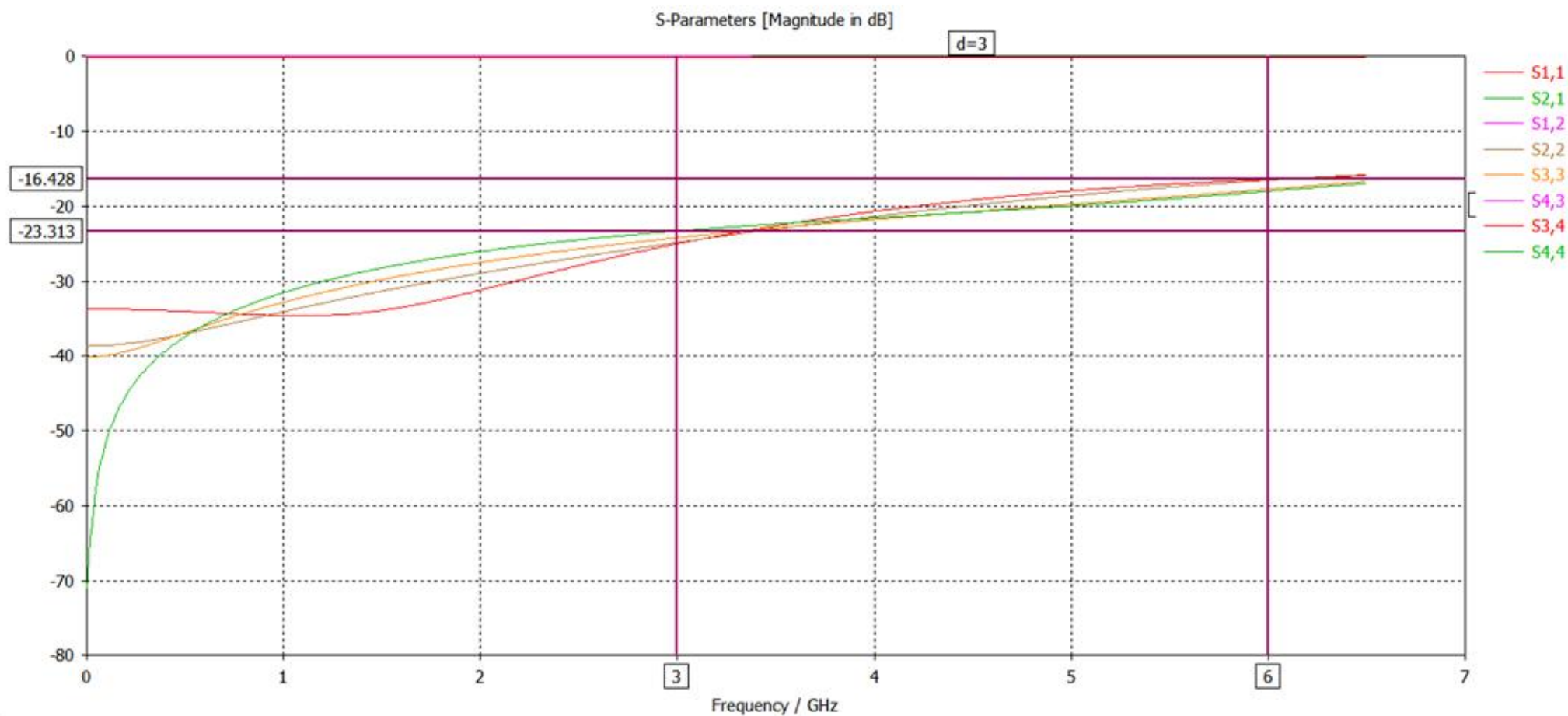


Note: Supplied with M2 x 5 C/S Cross head Screw.

Design Right Protected Third Angle Projection	Material:		Finish:		Gen Tol +/- 0.20		DO NOT SCALE	
	Designed by Peter Fayers		Checked by		Approved by		Date ©2014	
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					C-SX-143		Issue 1.8 Sheet 1 / 2	

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Electrical:

Impedance 75 Ohm s

Freq Range 0-6.0GHz

Working Voltage 250 Vrm s

Dielectric withstanding voltage 750 Vrm s

Reflection Factor {VSWR}
1.15 Max DC-3.0 GHz
1.36 Max 3.1-6.0 GHz

Contact Resistance
Centre Contact 4.0 m Ohm
Outer Contact 2.5 m Ohm

Insulation Resistance > 1000 Meg Ohm

Materials:

Centre Pin BeCu /10u² Au

Metal Parts Brass/Au
Zinc Alloy/Ni

Insulators PTFE

Environmental:

Temp Range: -65 to +85 °C

Mating cycles: 500

Soldering process profile- Lead Free:

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.

Design Right Protected	Material:		Finish:		Gen Tol +/- 0.20	DO NOT SCALE	
	Third Angle Projection		Date		©2014	Unit of measure: millimetres(mm)	
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