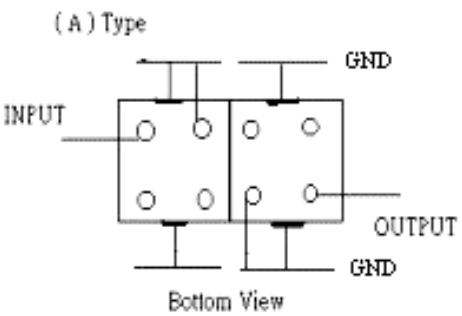
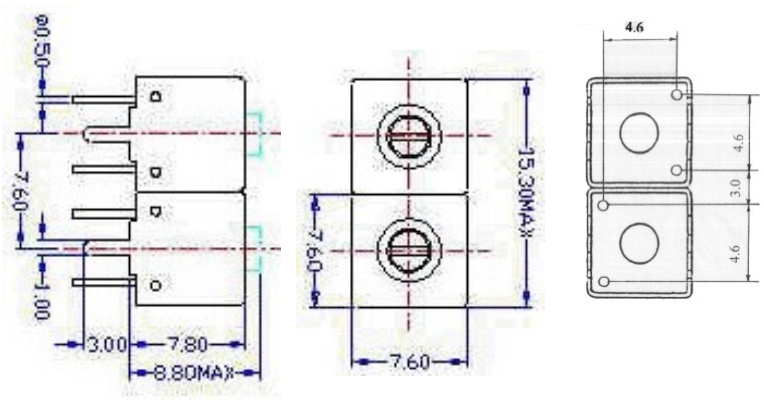


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDS2315A-1472M
Approval No. /dated	20110055DC	Acceptable Specify Fo. Range	1301~1500MHz
Work Instruction No.	20110055DC	Date	2001.10.26

<p>(1) Pin Position</p>  <p>(A) Type INPUT GND OUTPUT GND Bottom View</p>	<p>(2) Size Diagram</p>  <p>Dimensions shown: Side view: 7.50, 7.60, 1.00, 3.00, 7.80, 8.80MAX Top view: 7.60, 15.30MAX Front view: 4.6, 3.0, 4.6</p>
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(3) Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	1472 MHz	1472 MHz	
Tunable Range	1472±5 MHz	1472±5 MHz	
Insertion Loss	Typ. 4.5 dB	3.6 dB	
-3 dB Bandwidth	Typ. 70 MHz	78 MHz	
Sensitivity (Attenuation)	Fo - 150 MHz	Typ. 18 dBc	21 dBc
	Fo + 150 MHz	Typ. 15 dBc	18 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	15 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

(4) Torque for Tuning Screw > 100gf • cm

(5) Temperature Condition:

Operating Temperature	0°C ~ +60°C
Storage Temperature	-20°C ~ +70°C

(6) Input Power > 1Watt

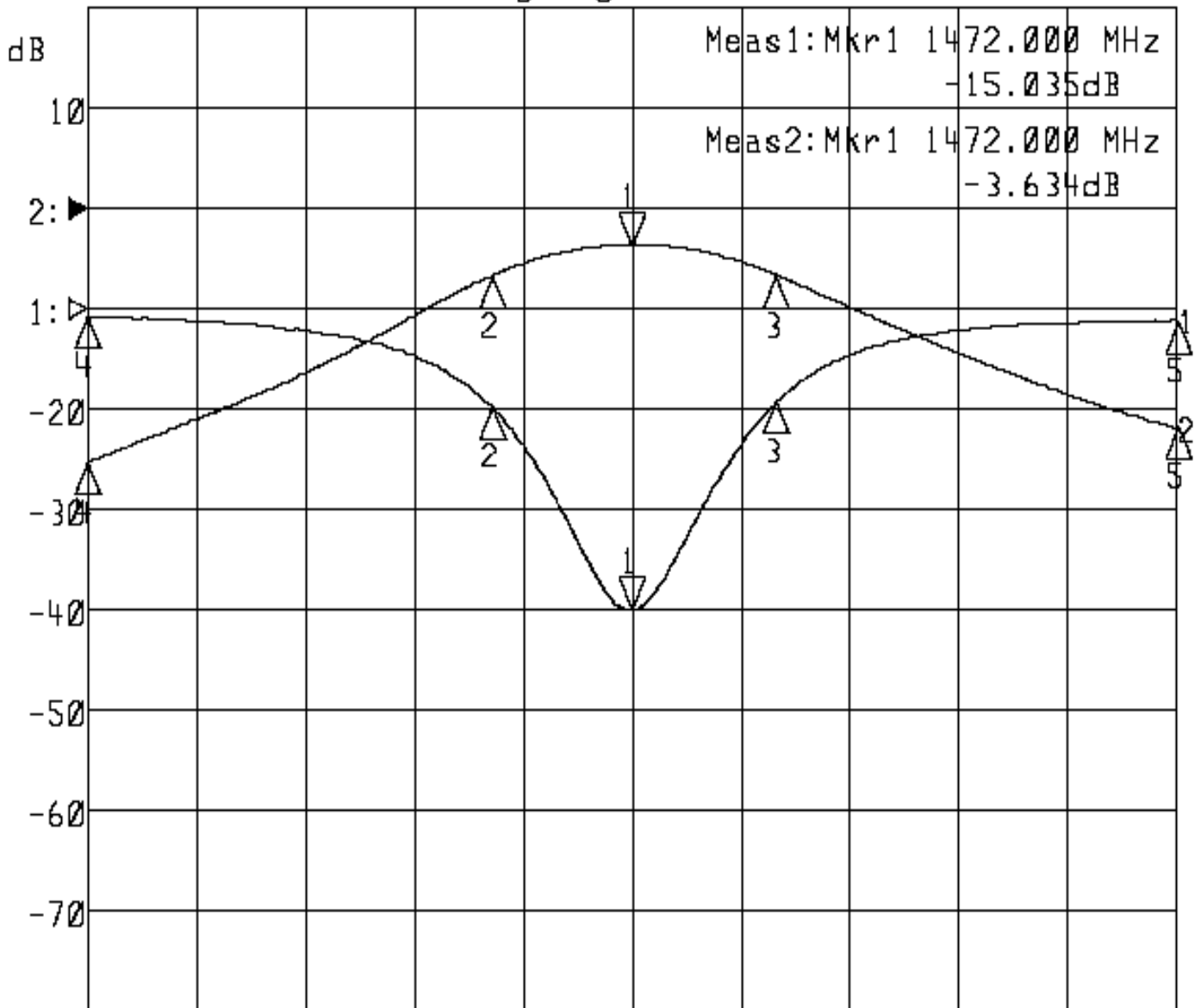
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7S2S(4*5.2) 7S046LB6

TEMWELL CORPORATION

Performance-TDS2315A-1472M

20110055DC

▶1:S11 Refl Port1 Log Mag 5.0 dB/ Ref 0.00 dB C
 ▶2:S21 Fwd Trans Log Mag 10.0 dB/ Ref 0.00 dB C



Center 1 472.000 MHz

Span 300.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 1472.0000	-15.035	1> 1472.0000	-3.634
2: 1433.5000	-4.919	2: 1433.5000	-6.675
3: 1511.8000	-4.660	3: 1511.8000	-6.626
4: 1322.0000	-0.390	4: 1322.0000	-25.274
5: 1622.0000	-0.598	5: 1622.0000	-21.865