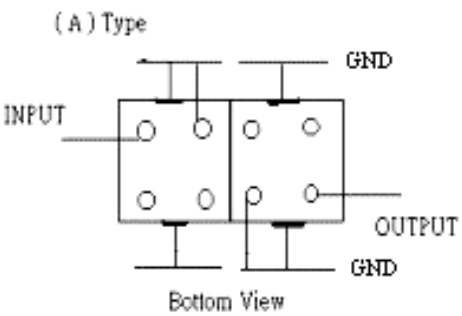
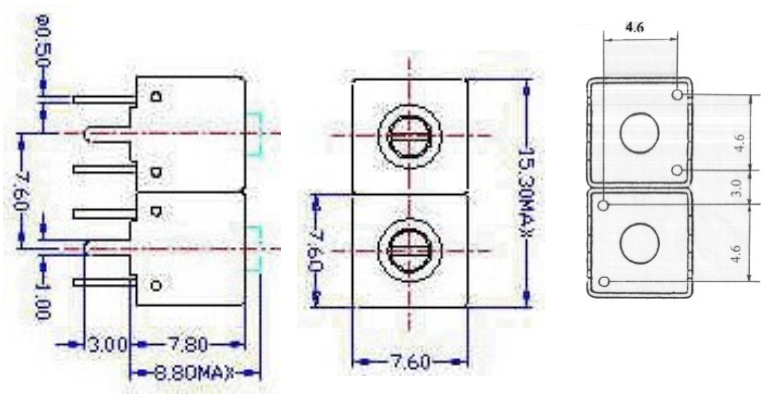


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDS2232A-1025M
Approval No. /dated	20110037DC	Acceptable Specify Fo. Range	1001~1100MHz
Work Instruction No.	20110037DC	Date	2001.10.19

<p>(1) Pin Position</p>  <p>(A) Type INPUT GND OUTPUT GND Bottom View</p>	<p>(2) Size Diagram</p>  <p>Dimensions: 5.0, 7.60, 1.00, 3.00, 7.80, 8.80MAX, 7.60, 15.30MAX, 4.6, 3.0, 4.6</p>
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(3) Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	1025 MHz	1025 MHz	
Tunable Range	1025±5 MHz	1025±5 MHz	
Insertion Loss	Typ. 2.5 dB	1.8 dB	
-3 dB Bandwidth	Typ. 60 MHz	66 MHz	
Sensitivity (Attenuation)	Fo - 150 MHz	Typ. 24 dBc	27 dBc
	Fo + 150 MHz	Typ. 19 dBc	22 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	33 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

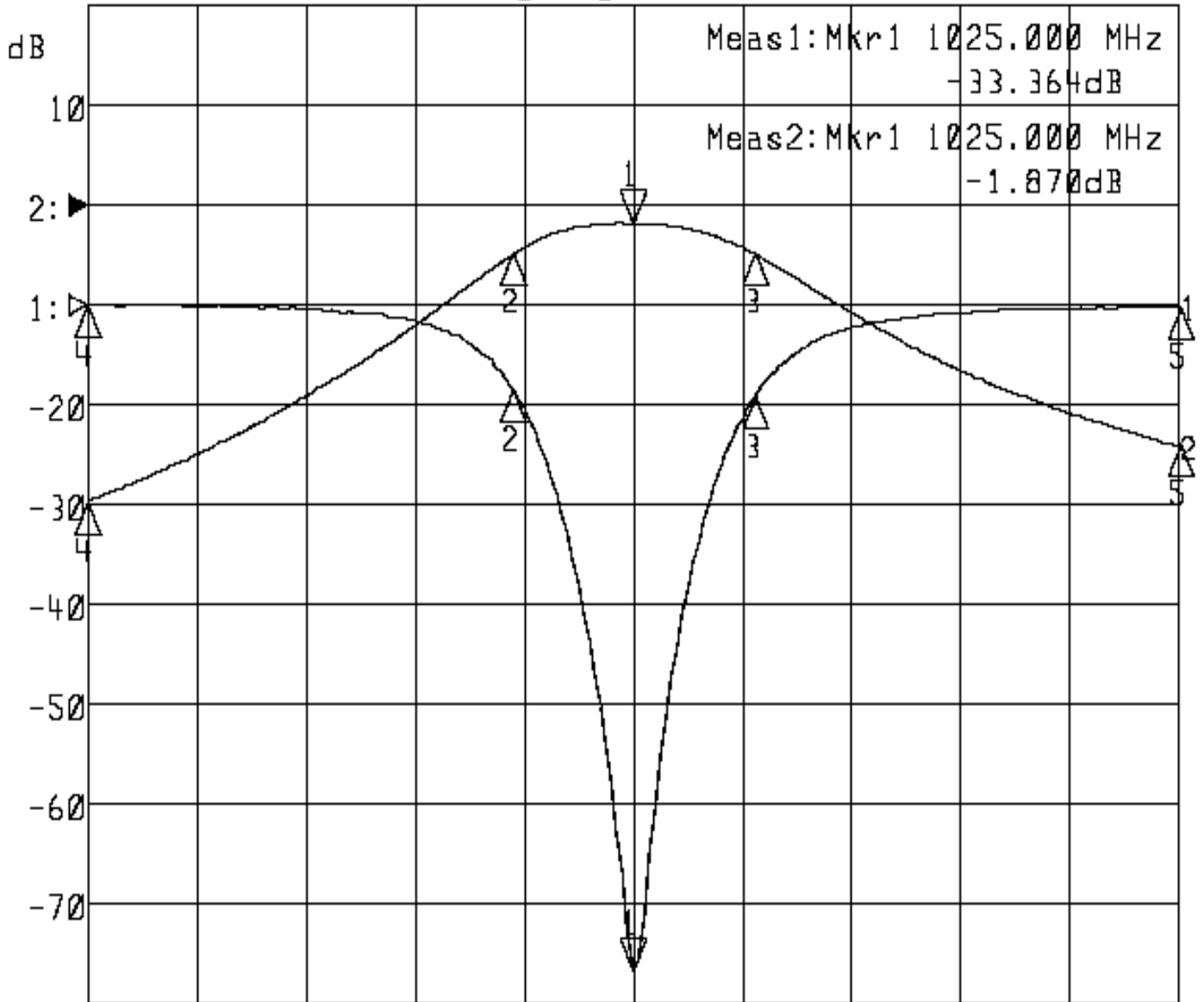
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7S2S(4*5.2) 7S046LB6

TEMWELL CORPORATION

# Performance-TDS2232A-1025M

## 20110037DC

▷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 1 025.000 MHz

Span 300.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 1025.0000	-33.364	1> 1025.0000	-1.870
2: 992.3000	-4.302	2: 992.3000	-4.851
3: 1058.4000	-4.594	3: 1058.4000	-4.848
4: 875.0000	0.023	4: 875.0000	-29.671
5: 1175.0000	-0.084	5: 1175.0000	-24.110