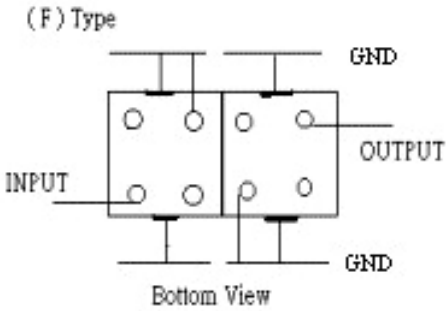
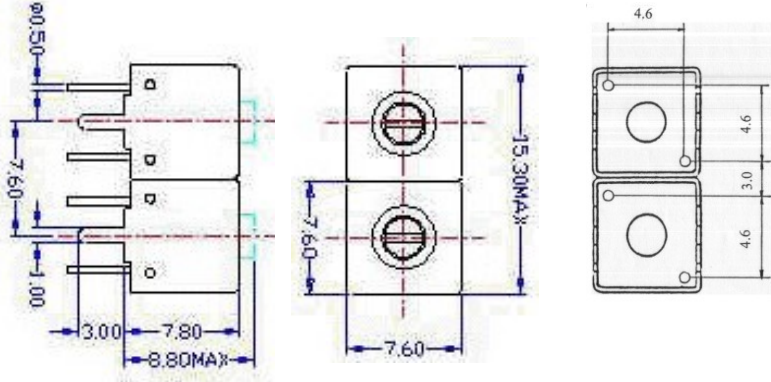


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDS2024F-268M
Approval No. /dated	20102085DC	Acceptable Specify Fo. Range	246~275MHz
Work Instruction No.	20102085DC	Date	2001.02.27

<p>(1) Pin Position</p>  <p>(F) Type Bottom View</p>	<p>(2) Size Diagram</p> 
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(3) Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	268 MHz	268 MHz	
Tunable Range	268±4 MHz	268±4 MHz	
Insertion Loss	Typ. 4.0 dB	3.0 dB	
-3 dB Bandwidth	Typ. 15 MHz	16 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 33 dBc	36 dBc
	Fo + 50 MHz	Typ. 22 dBc	25 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	40 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

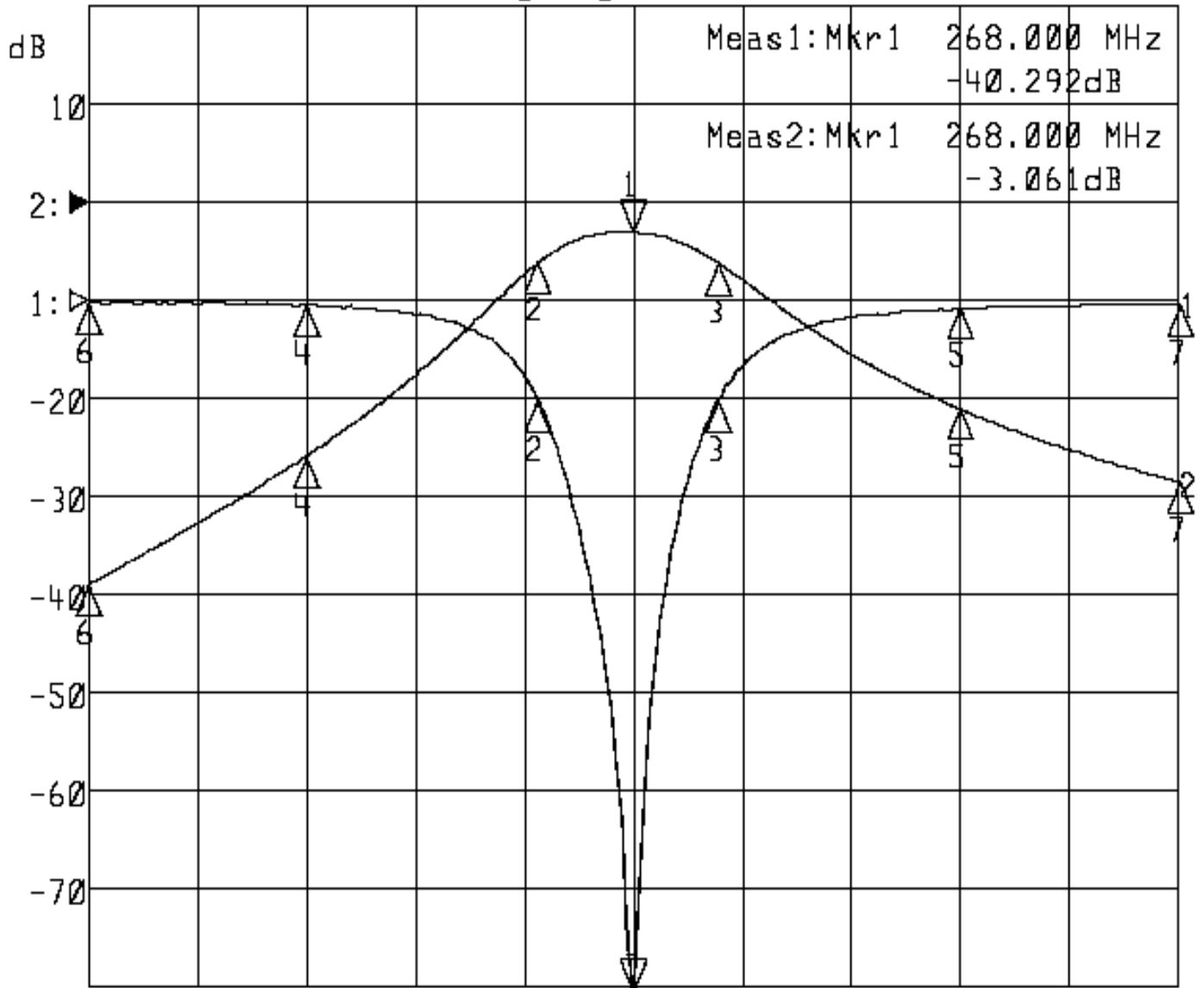
		> 1Watt	
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7S2S(4*4.5) 7S00LB5.5

TEMWELL CORPORATION

Performance- TDS2024F-268M

20102085DC

▶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 268.000 MHz

Span 100.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 268.0000	-40.292	1> 268.0000	-3.061
2: 259.3000	-5.070	2: 259.3000	-6.118
3: 275.7667	-5.126	3: 275.7667	-6.149
4: 238.0000	-0.263	4: 238.0000	-25.884
5: 298.0000	-0.411	5: 298.0000	-21.047
6: 218.0000	-0.135	6: 218.0000	-39.018
7: 318.0000	-0.223	7: 318.0000	-28.542