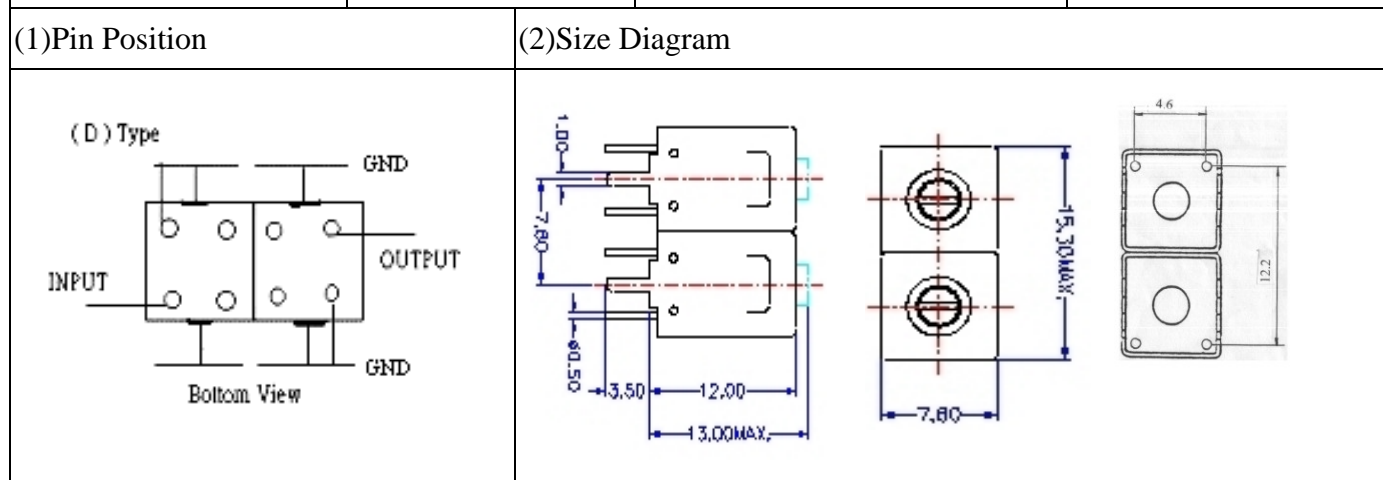


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TD67200D-575M
Approval No. /dated	980332D	Acceptable Specify Fo. Range	556~595MHz
Work Instruction No.	980332D	Date	



(3)Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	575 MHz	575 MHz	
Tunable Range	575±5 MHz	575±5 MHz	
Insertion Loss	Typ. 3.0 dB	2.08 dB	
-3 dB Bandwidth	Typ. 15 MHz	16.0 MHz	
Sensitivity (Attenuation)	Fo -50 MHz	Typ. 30 dBc	33 dBc
	Fo +50 MHz	Typ. 24 dBc	27 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	51.6 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

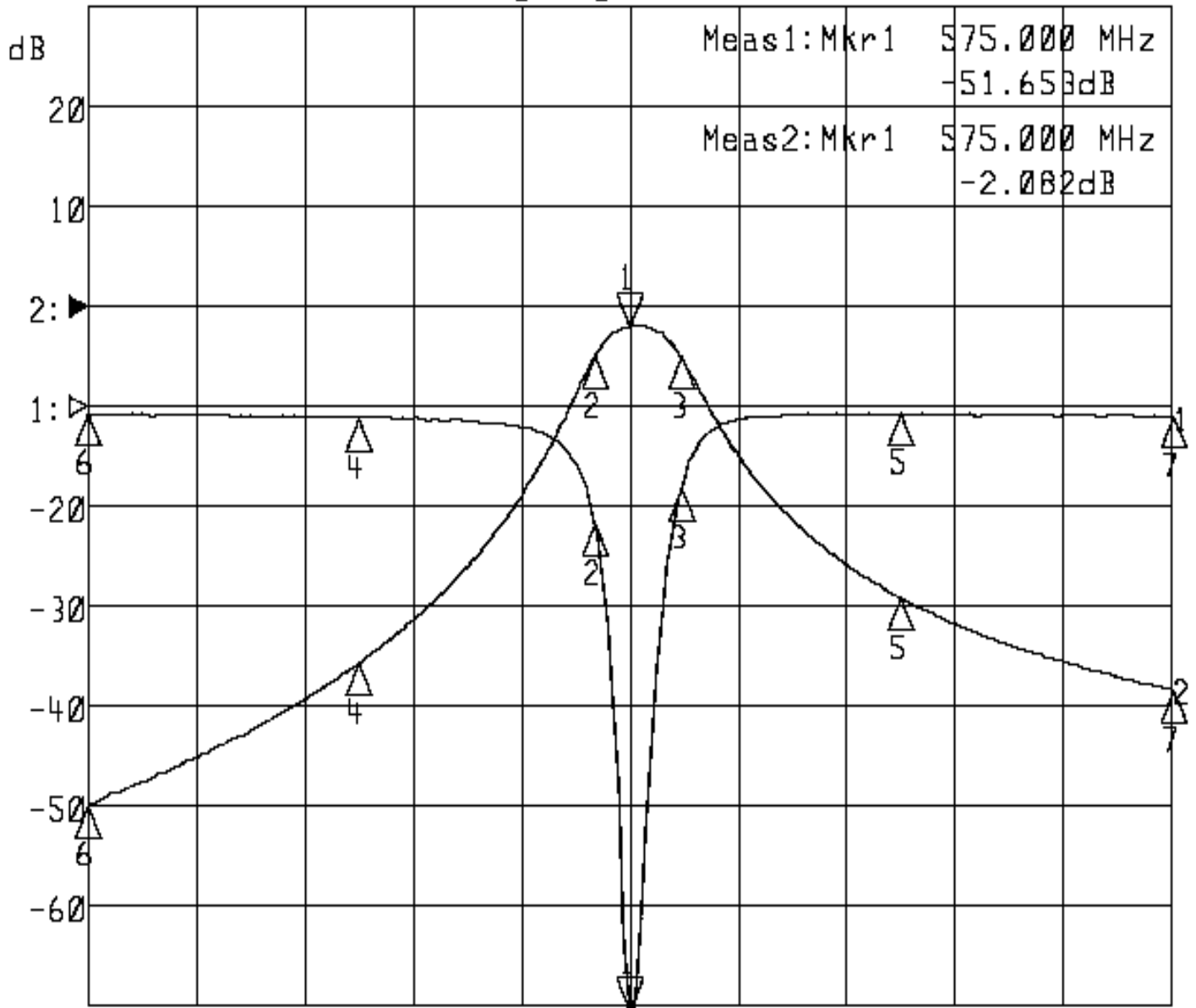
Approval	Supervisor	Designer	Aperture size
C.Y. Chang	C.S. Chang	C.S. Chang	7H2S(4*4.5)F 7H046LB4 聚 3

TEMWELL CORPORATION

Performance-TD67200D-575M

980332D

▶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 575.000 MHz

Span 200.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 575.0000	-51.653	1> 575.0000	-2.082
2: 568.5333	-5.864	2: 568.5333	-5.044
3: 584.5333	-4.103	3: 584.5333	-5.069
4: 525.0000	-0.601	4: 525.0000	-35.793
5: 625.0000	-0.429	5: 625.0000	-29.164
6: 475.0000	-0.413	6: 475.0000	-49.907
7: 675.0000	-0.510	7: 675.0000	-38.428