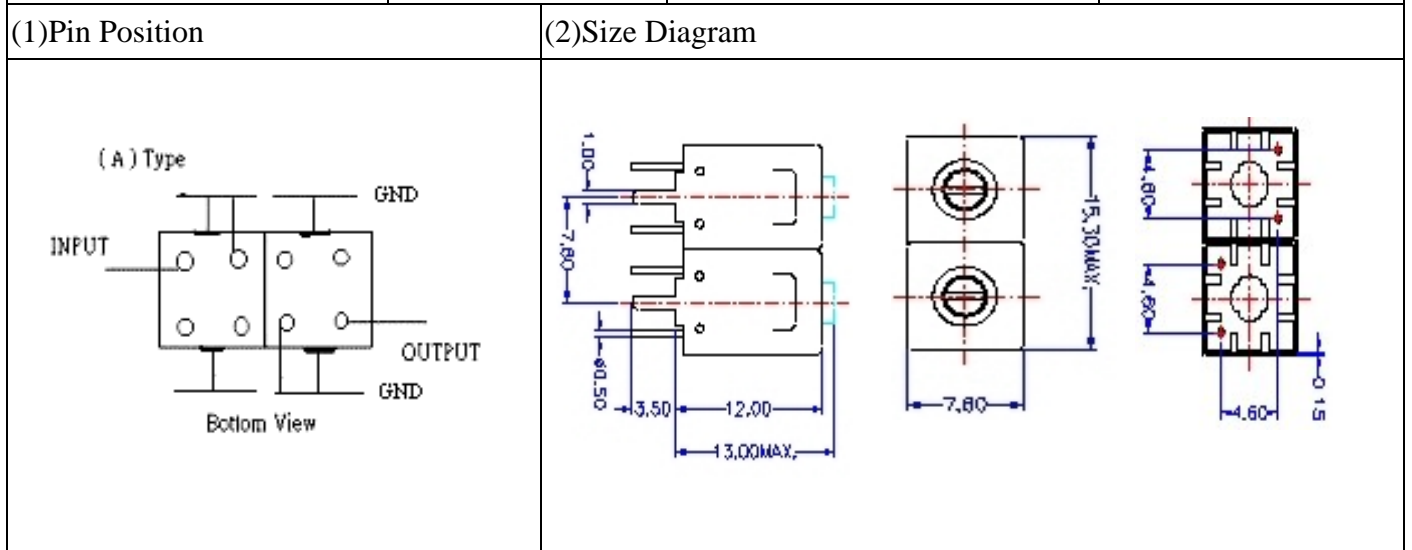


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TD67283A-200M
Approval No. /dated	980533D	Acceptable Specify Fo. Range	196~220MHz
Work Instruction No.	980533D	Date	May.18.1998



(3)Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	200 MHz	200 MHz	
Tunable Range	200±4 MHz	200±4 MHz	
Insertion Loss	Typ. 2.5 dB	1.41 dB	
-3 dB Bandwidth	Typ. 12 MHz	13.5 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 29 dBc	31 dBc
	Fo + 50 MHz	Typ. 32 dBc	34 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	20.5 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

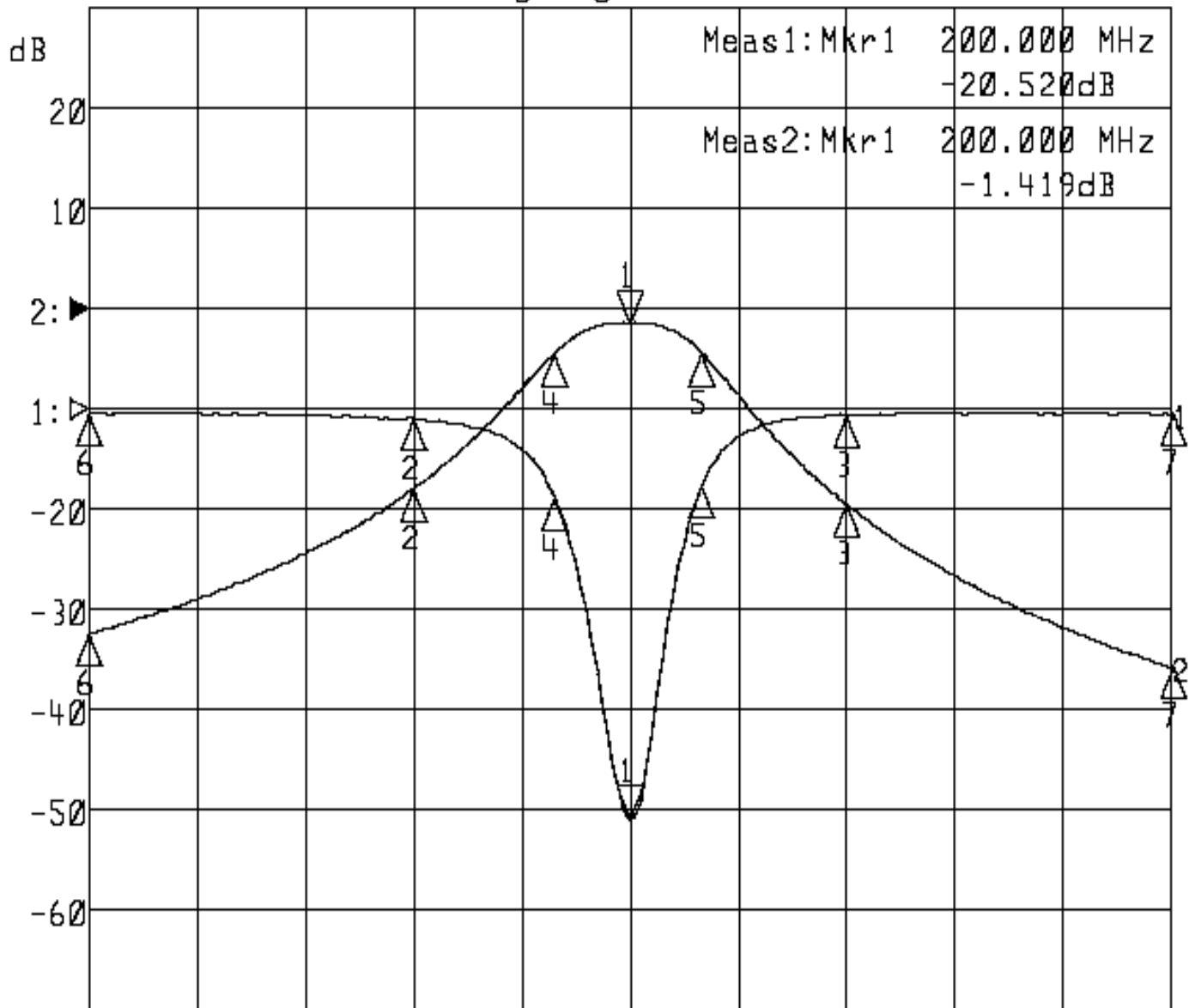
Approval	Supervisor	Designer	Aperture size
C.Y. Chang	C.S. Chang	C.S. Chang	7H2S(4*7.5)F 7H024LB4

TEMWELL CORPORATION

Performance-TT67283A-200M

980533D

▶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 200.000 MHz

Span 100.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 200.0000	-20.520	1> 200.0000	-1.419
2: 180.0000	-0.483	2: 180.0000	-17.917
3: 220.0000	-0.328	3: 220.0000	-19.551
4: 193.1000	-4.439	4: 193.1000	-4.396
5: 206.6667	-3.840	5: 206.6667	-4.399
6: 150.0000	-0.251	6: 150.0000	-32.533
7: 250.0000	-0.287	7: 250.0000	-35.802