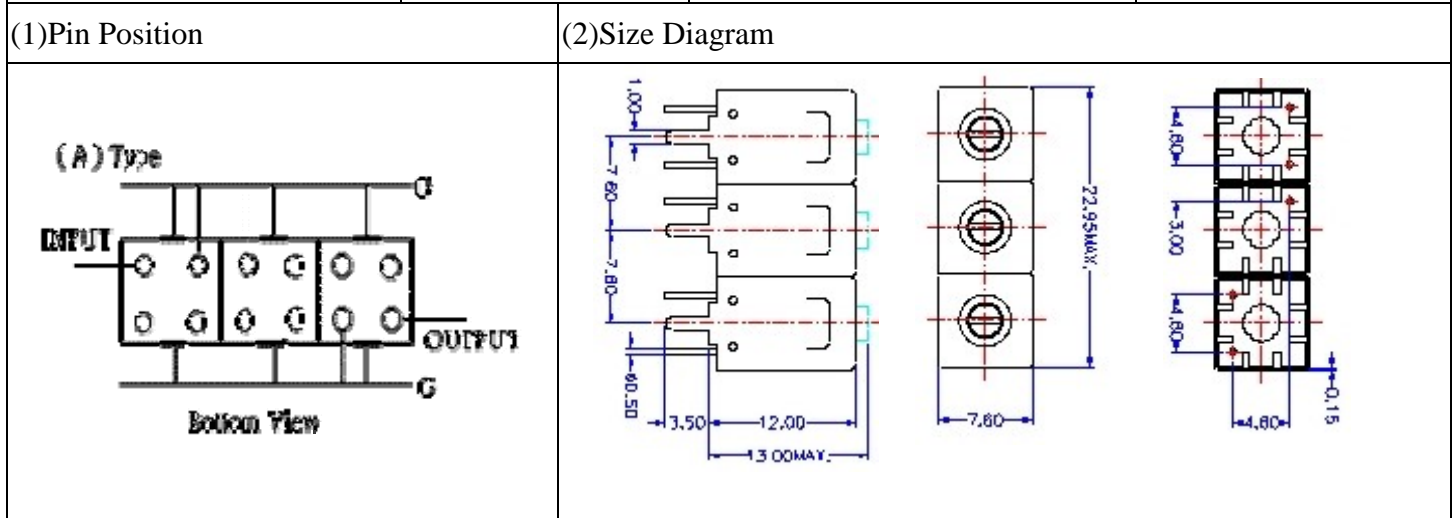


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TT67132A-850M
Approval No. /dated	2008036B	Acceptable Specify Fo. Range	831~860MHz
Work Instruction No.	2008036B	Date	Aug.09.2000



(3) Electric Character			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	850 MHz	850	MHz
Tunable Range	850±10 MHz	850±10	MHz
Insertion Loss	Typ. 6.0 dB	5.2	dB
-3 dB Bandwidth	Typ. 10 MHz	15	MHz
Sensitivity (Attenuation)	Fo - 30 MHz	Typ. 33	dBc
	Fo + 30 MHz	Typ. 25	dBc
	Fo - ()MHz	Typ.	dBc
	Fo +()MHz	Typ.	dBc
Return Loss	Min. 12 dB	19.6	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 > 1Watt

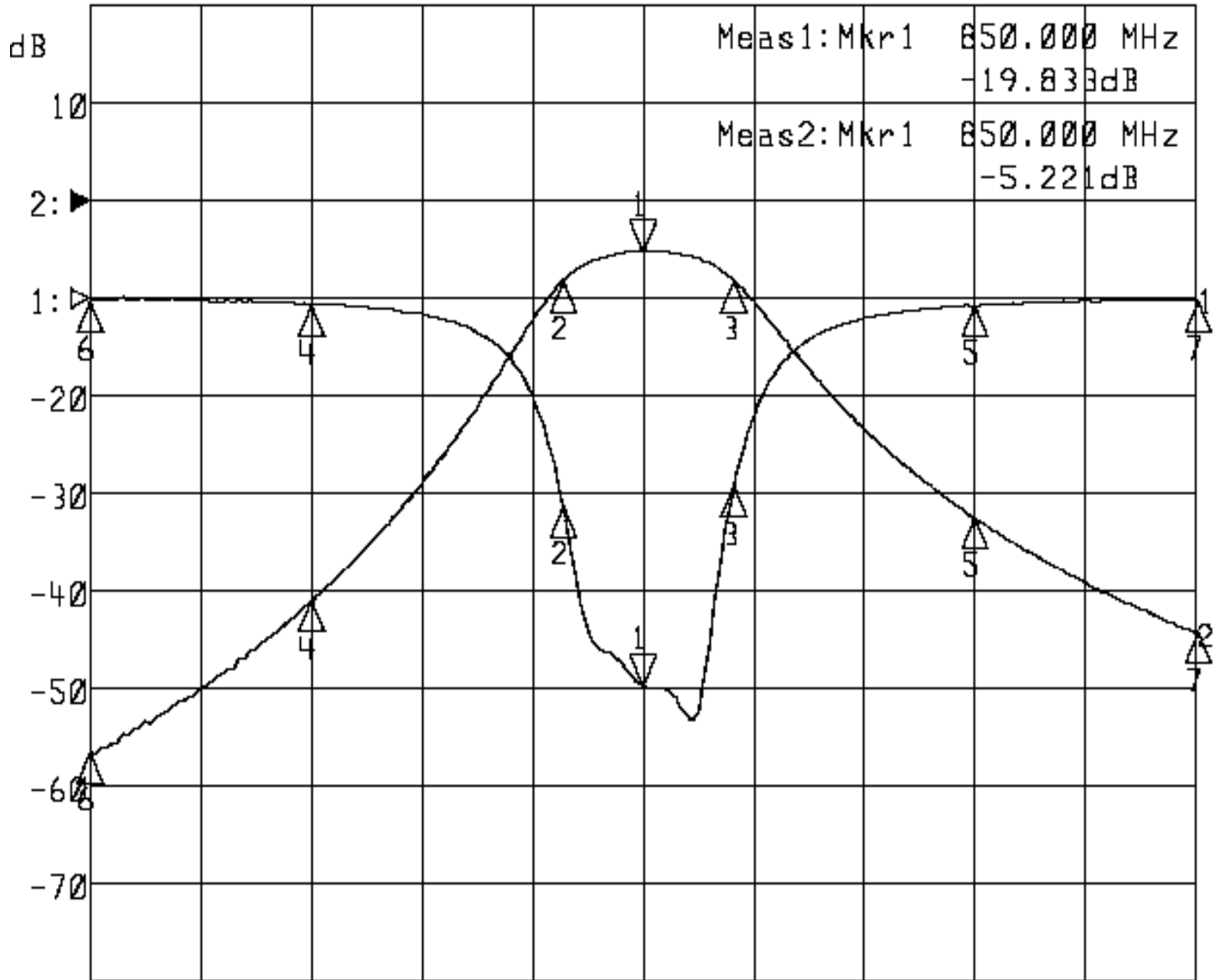
Approval	Supervisor	Designer	Aperture size
C.Y. Chang	C.S. Chang	Z.M.Weng	7H3S(4*4.5)F 7H046LB4

TEMWELL CORPORATION

Performance-TT67132A-850M

2008036B

▶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 850.000 MHz

Span 100.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 850.0000	-19.833	1> 850.0000	-5.221
2: 842.8000	-10.643	2: 842.8000	-8.145
3: 858.2667	-9.598	3: 858.2667	-8.190
4: 820.0000	-0.319	4: 820.0000	-41.094
5: 880.0000	-0.382	5: 880.0000	-32.566
6: 800.0000	-0.092	6: 800.0000	-56.549
7: 900.0000	-0.063	7: 900.0000	-44.280