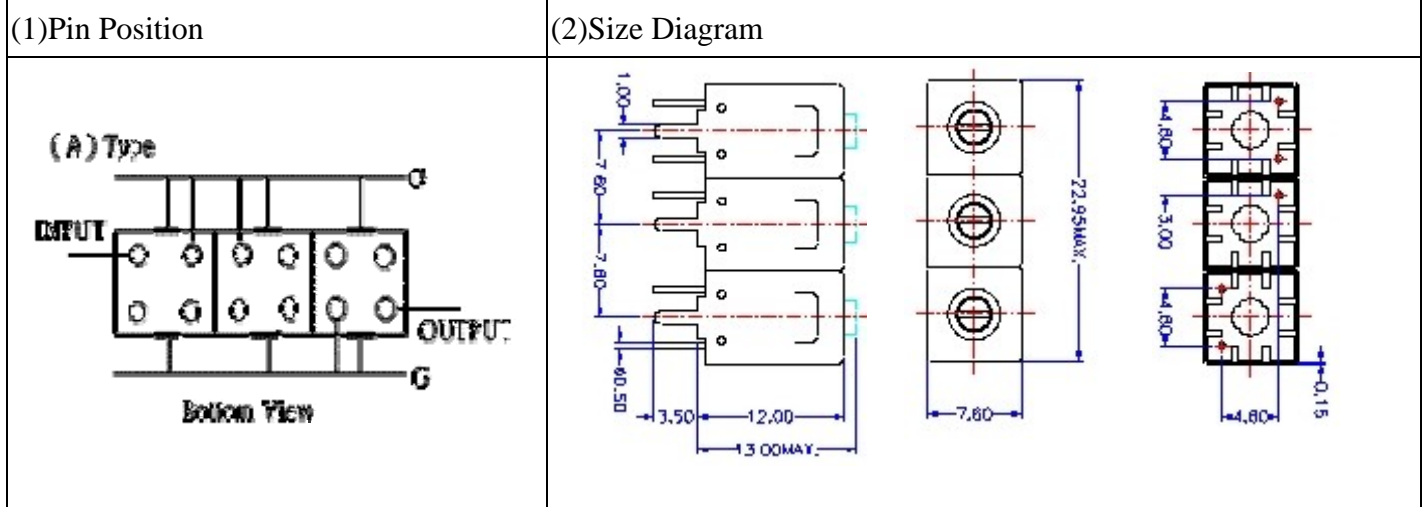


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TT67221A-990M
Approval No. /dated	2008050B	Acceptable Specify Fo. Range	976~1000MHz
Work Instruction No.	2008050B	Date	Aug.09.2000



(3) Electric Character			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	990 MHz	990 MHz	
Tunable Range	990±5 MHz	990±5 MHz	
Insertion Loss	Typ. 3.5 dB	2.5 dB	
-3 dB Bandwidth	Typ. 20 MHz	28 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 35 dBc	38 dBc
	Fo + 50 MHz	Typ. 29 dBc	32 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo + ()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	14.6 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

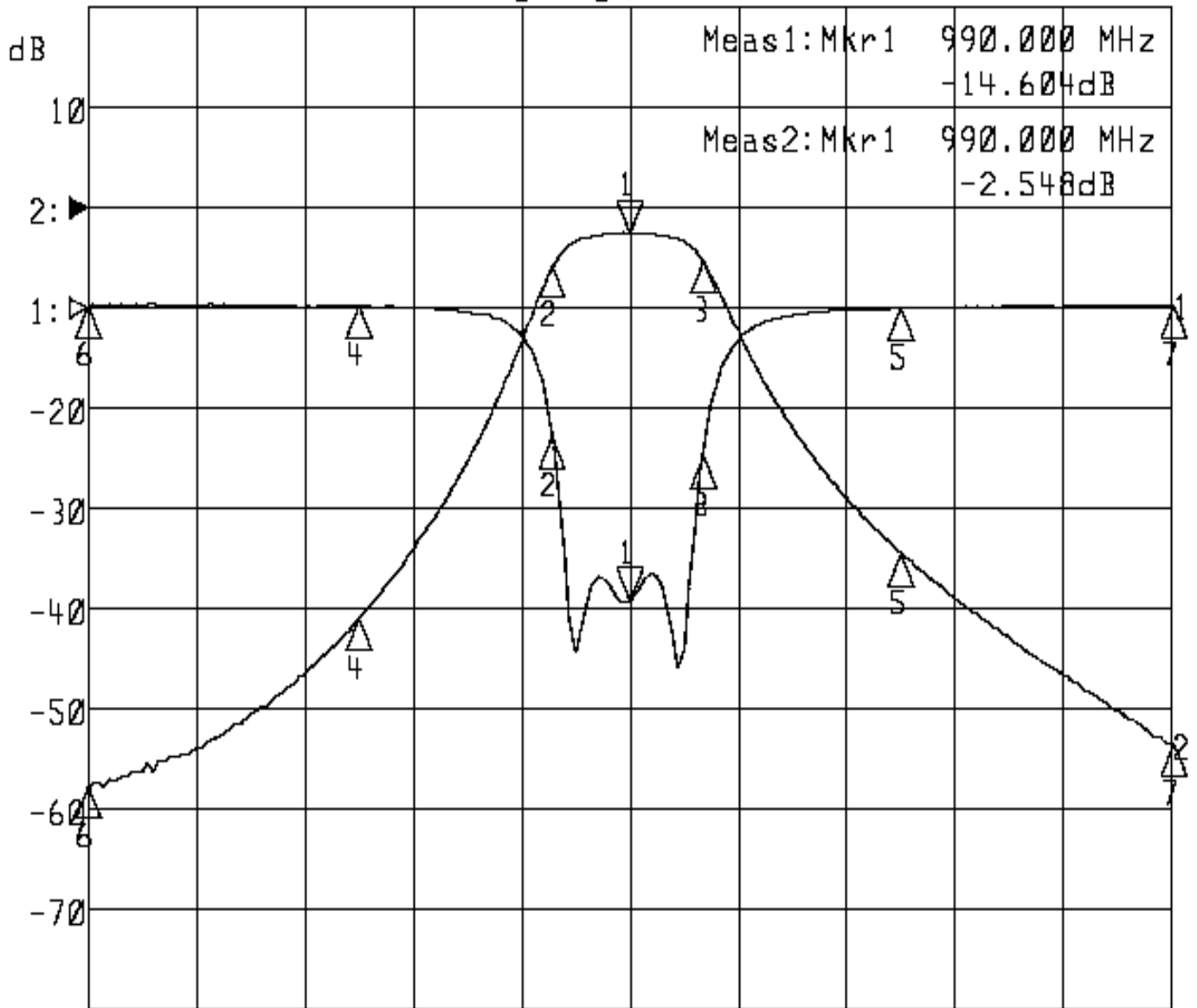
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7H3S(4*4.65) 7H046LB4 聚 3

TEMWELL CORPORATION

Performance-TT67221A-990M

2008050B

▷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 990.000 MHz

Span 200.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 990.0000	-14.604	1> 990.0000	-2.548
2: 975.8000	-6.428	2: 975.8000	-5.864
3: 1003.4000	-7.435	3: 1003.4000	-5.195
4: 940.0000	0.075	4: 940.0000	-40.964
5: 1040.0000	-0.032	5: 1040.0000	-34.375
6: 890.0000	0.134	6: 890.0000	-57.827
7: 1090.0000	0.130	7: 1090.0000	-53.610