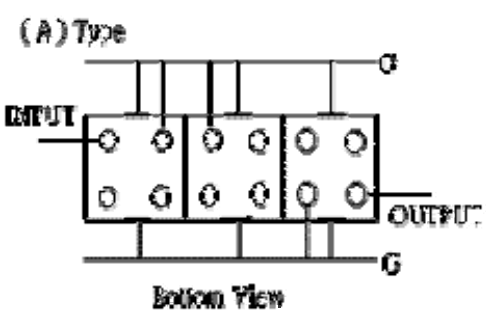
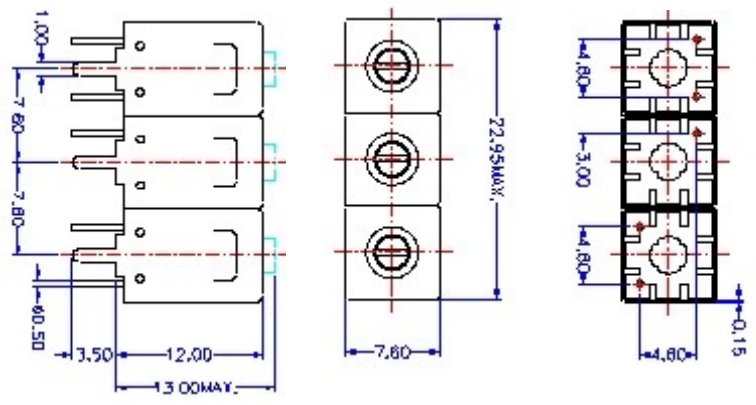


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TT67300A-90M
Approval No. /dated	9912005D	Acceptable Specify Fo. Range	86~95MHz
Work Instruction No.	9912005D	Date	Dec.03.1999

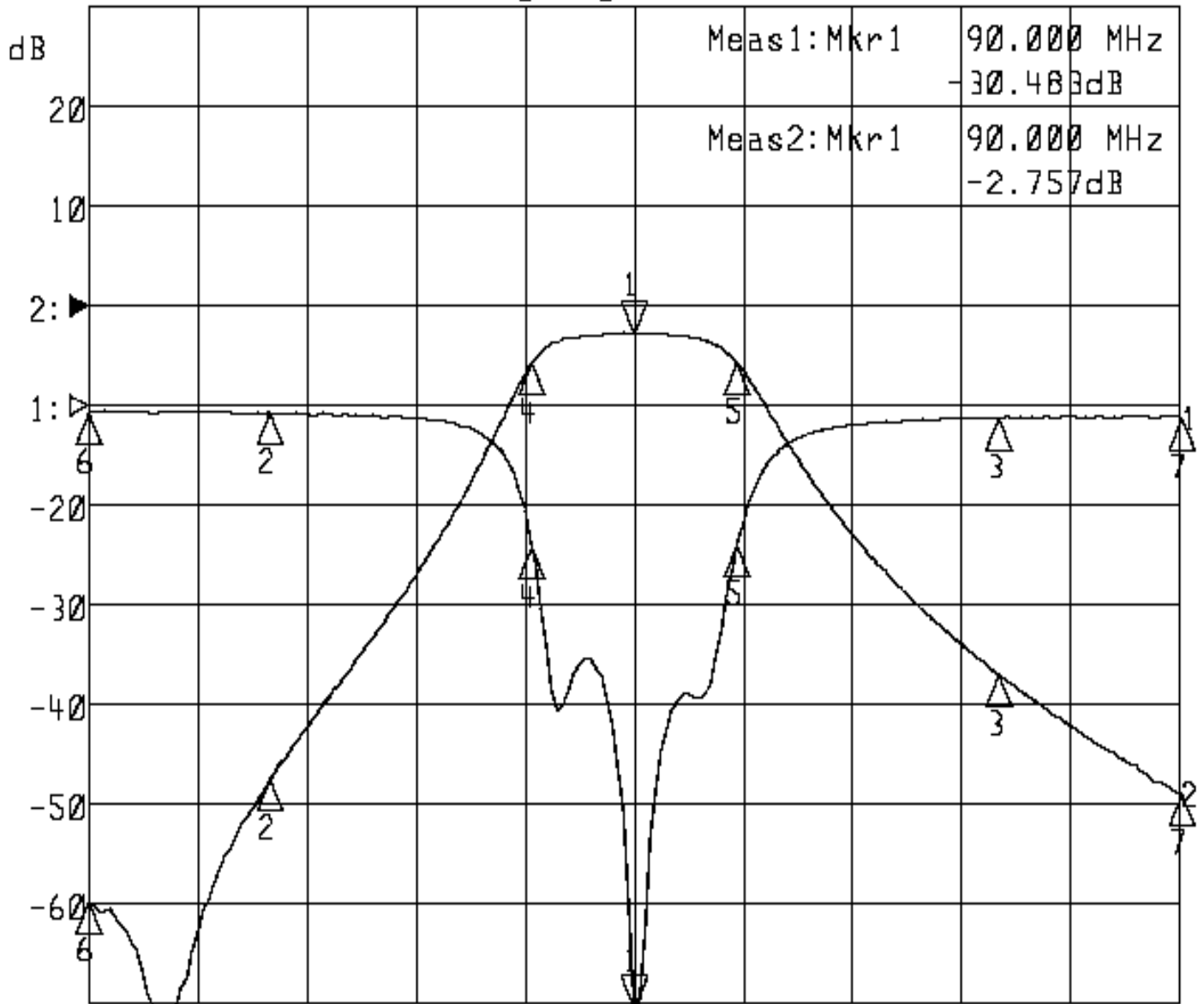
(1)Pin Position	(2)Size Diagram
 <p>(A) Type Bottom View</p>	

(3)Electric Character			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		90 MHz	90 MHz
Tunable Range		90±2 MHz	90±2 MHz
Insertion Loss		Typ. 3.5 dB	2.7 dB
-3 dB Bandwidth		Typ. 10 MHz	11 MHz
Sensitivity (Attenuation)	Fo - 30 MHz	Typ. 54 dBc	57 dBc
	Fo + 30 MHz	Typ. 43 dBc	46 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	24.6 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*7.5)F 7H00LB4
TEMWELL CORPORATION			

Performance-TT67300A-90M

9912005D

▶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 90.000 MHz

Span 60.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 90.0000	-30.483	1> 90.0000	-2.757
2: 70.0000	-0.384	2: 70.0000	-47.558
3: 110.0000	-0.641	3: 110.0000	-36.916
4: 84.4200	-7.093	4: 84.4200	-5.701
5: 95.6600	-7.046	5: 95.6600	-5.703
6: 60.0000	-0.331	6: 60.0000	-59.859
7: 120.0000	-0.563	7: 120.0000	-48.914