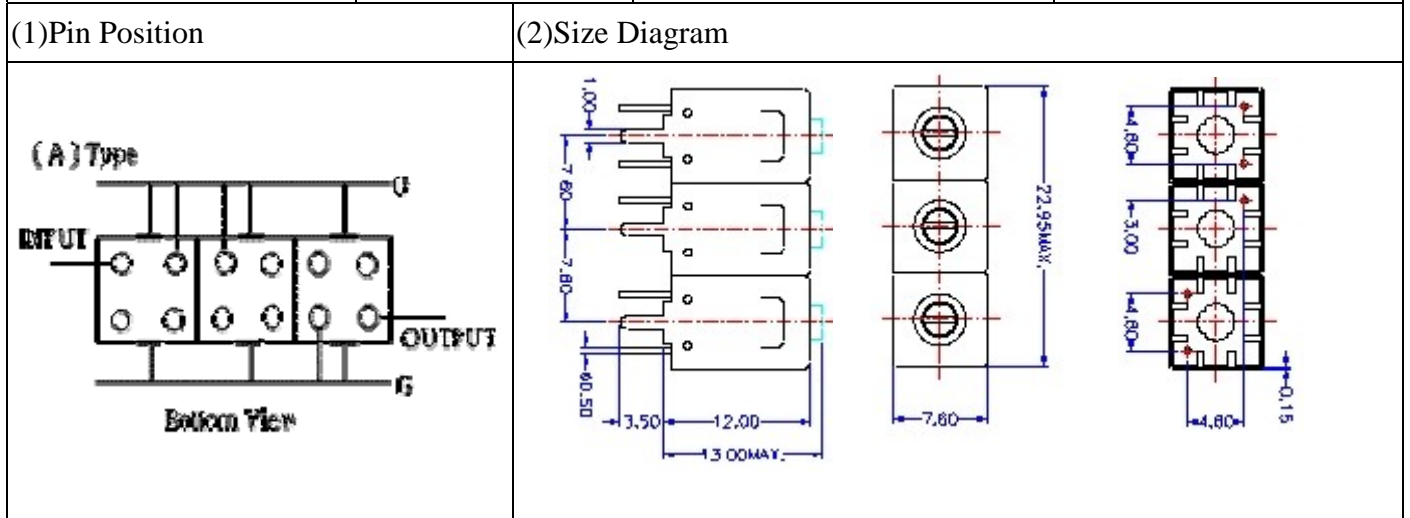


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TT67267A-980M
Approval No. /dated	9908045D	Acceptable Specify Fo. Range	976~1000MHz
Work Instruction No.	9908045D	Date	Aug.31.1999

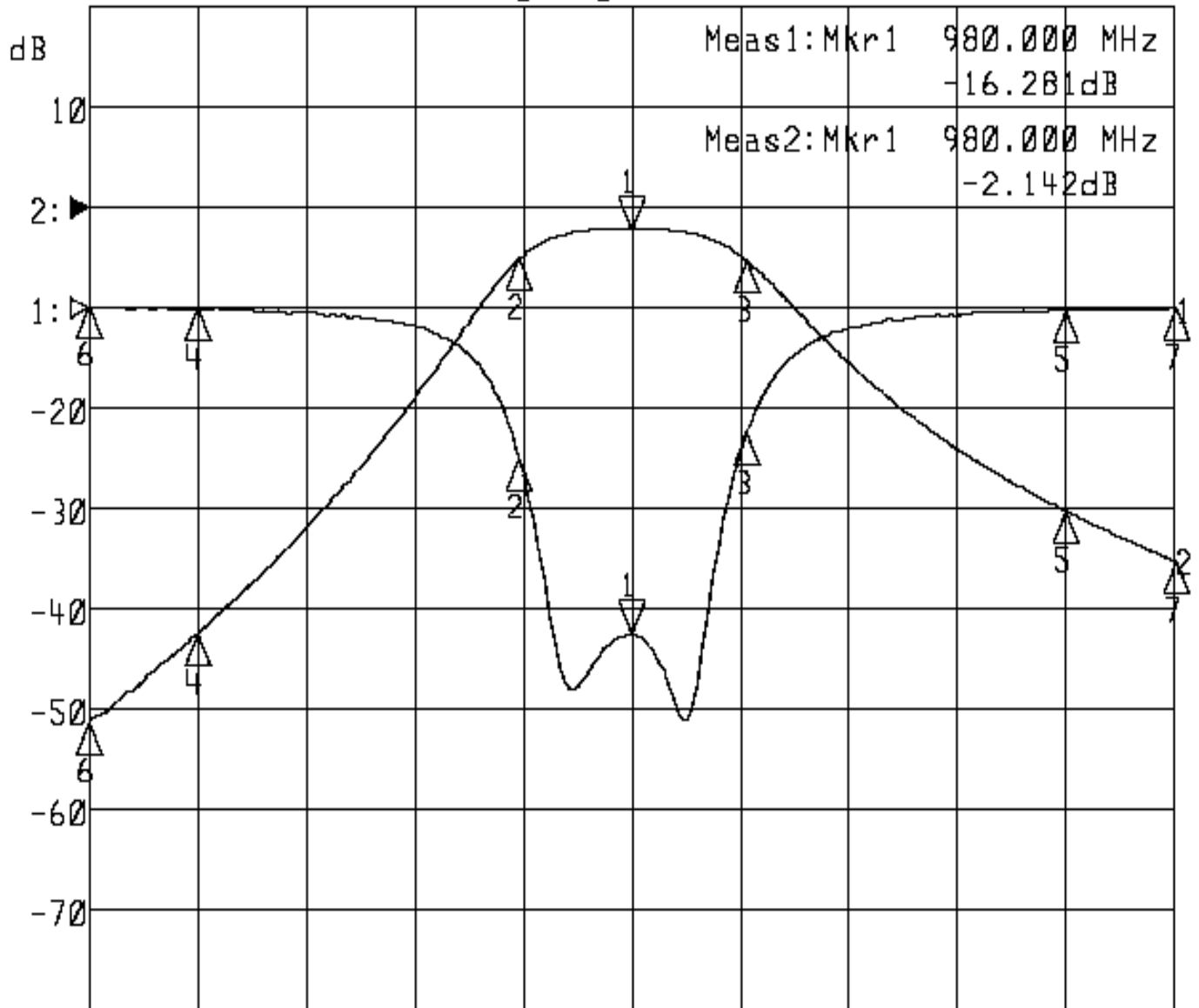


(3) Electric Character			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	980 MHz	980 MHz	
Tunable Range	980±5 MHz	980±5 MHz	
Insertion Loss	Typ. 3.0 dB	2.1 dB	
-3 dB Bandwidth	Typ. 35 MHz	41 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 46 dBc	49 dBc
	Fo + 100 MHz	Typ. 30 dBc	33 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	16.2 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			
> 1 Watt			
Approval	Supervisor	Designer	Aperture size
C.Y. Chang	C.S. Chang	C.S. Chang	7H3S (4*6.5)F 7H046LB4 聚 3
TEMWELL CORPORATION			

Performance-TT67267A-980M

9908045D

▶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 980.000 MHz

Span 200.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1 > 980.0000	-16.281	1 > 980.0000	-2.142
2: 959.3333	-7.478	2: 959.3333	-5.109
3: 1001.1333	-6.266	3: 1001.1333	-5.188
4: 900.0000	-0.008	4: 900.0000	-42.448
5: 1060.0000	-0.164	5: 1060.0000	-30.232
6: 880.0000	0.078	6: 880.0000	-51.232
7: 1080.0000	-0.040	7: 1080.0000	-35.190