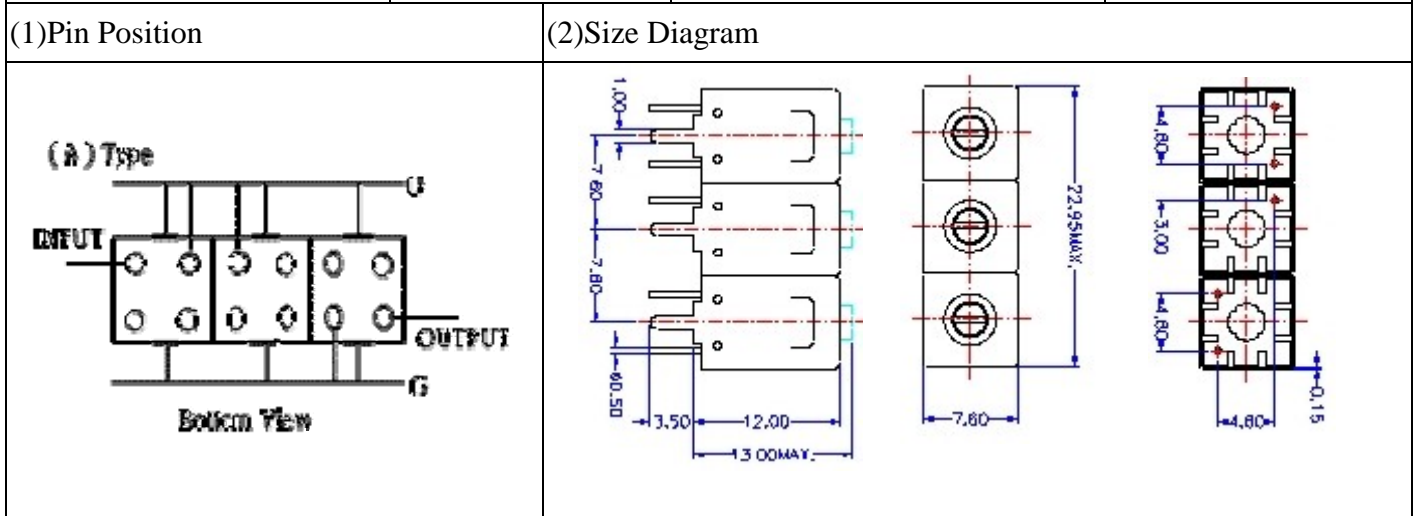


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TT6839A-640M
Approval No. /dated	980328D	Acceptable Specify Fo. Range	596~640MHz
Work Instruction No.	980328D	Date	Mar.21.1998



(3) Electric Character			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	640 MHz	640	MHz
Tunable Range	640±5 MHz	640±5	MHz
Insertion Loss	Typ. 4.5 dB	3.7	dB
-3 dB Bandwidth	Typ. 10 MHz	14	MHz
Sensitivity (Attenuation)	Fo - 20 MHz	Typ. 26	dBc
	Fo + 20 MHz	Typ. 21	dBc
	Fo - ()MHz	Typ.	dBc
	Fo +()MHz	Typ.	dBc
Return Loss	Min. 12 dB	19.7	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

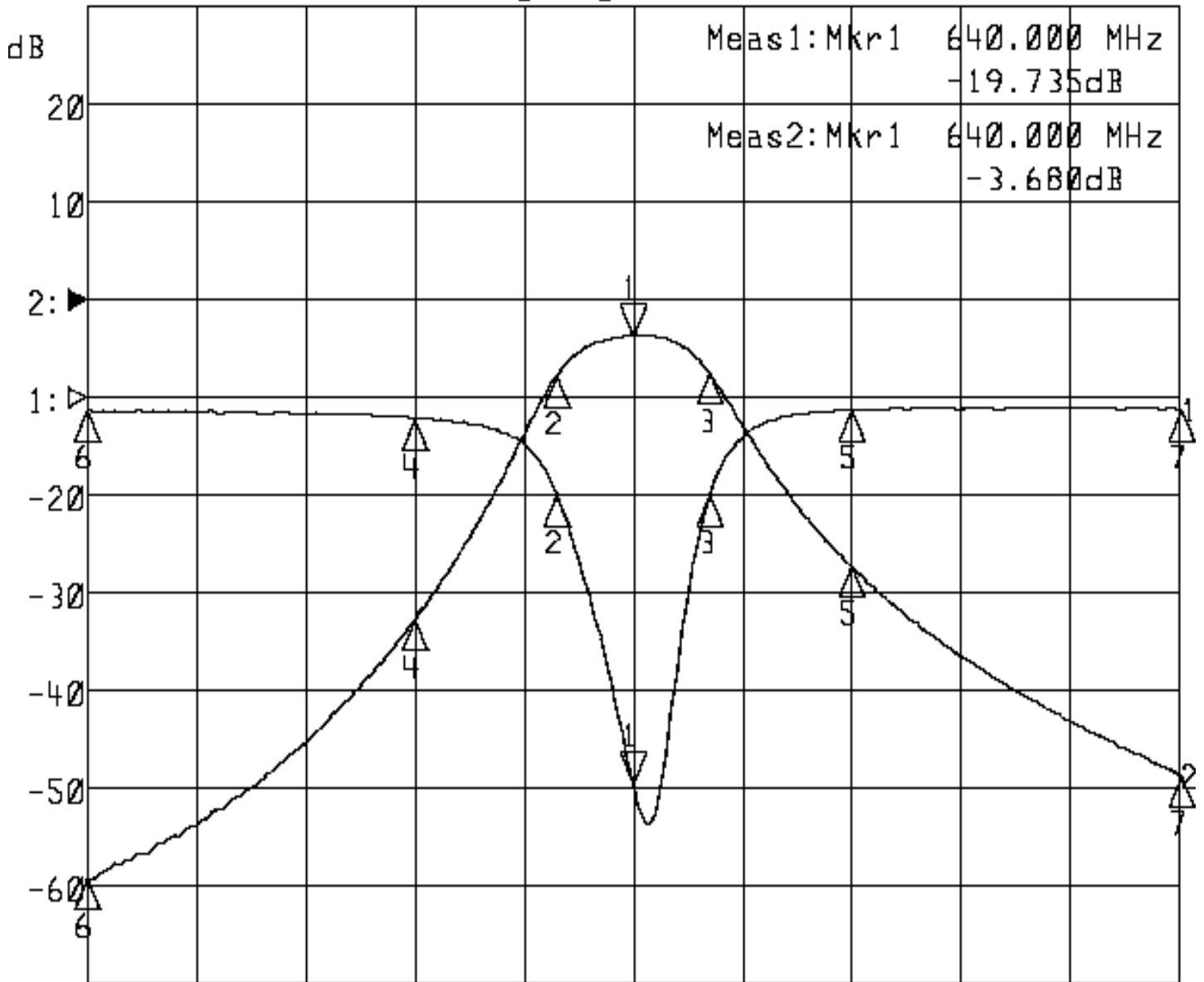
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7H3(4*4.65) 7H046LB4 聚 3

TEMWELL CORPORATION

Performance-TT6839A-640M

980328D

▶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



Meas1: Mkr1 640.000 MHz
 -19.735dB
 Meas2: Mkr1 640.000 MHz
 -3.680dB

Center 640.000 MHz

Span 100.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 640.0000	-19.735	1> 640.0000	-3.680
2: 633.0667	-5.000	2: 633.0667	-7.657
3: 647.0333	-4.947	3: 647.0333	-7.607
4: 620.0000	-1.107	4: 620.0000	-32.843
5: 660.0000	-0.682	5: 660.0000	-27.319
6: 590.0000	-0.646	6: 590.0000	-59.357
7: 690.0000	-0.630	7: 690.0000	-48.723