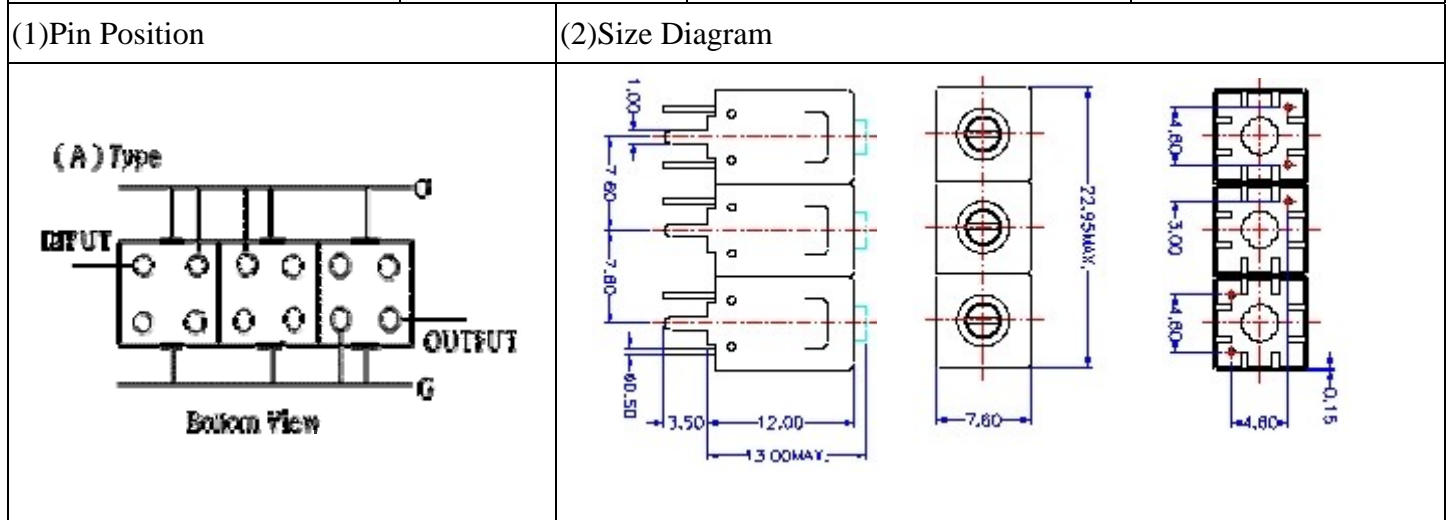


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TT67147A-820M
Approval No. /dated	2008033B	Acceptable Specify Fo. Range	801~830MHz
Work Instruction No.	2008033B	Date	Aug.09.2000



(3)Electric Character			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		820 MHz	820 MHz
Tunable Range		820±10 MHz	820±10 MHz
Insertion Loss		Typ. 8.0 dB	6.8 dB
-3 dB Bandwidth		Typ. 5 MHz	9 MHz
Sensitivity (Attenuation)	Fo - 30 MHz	Typ. 67 dBc	70 dBc
	Fo + 30 MHz	Typ. 36 dBc	38 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	17.8 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

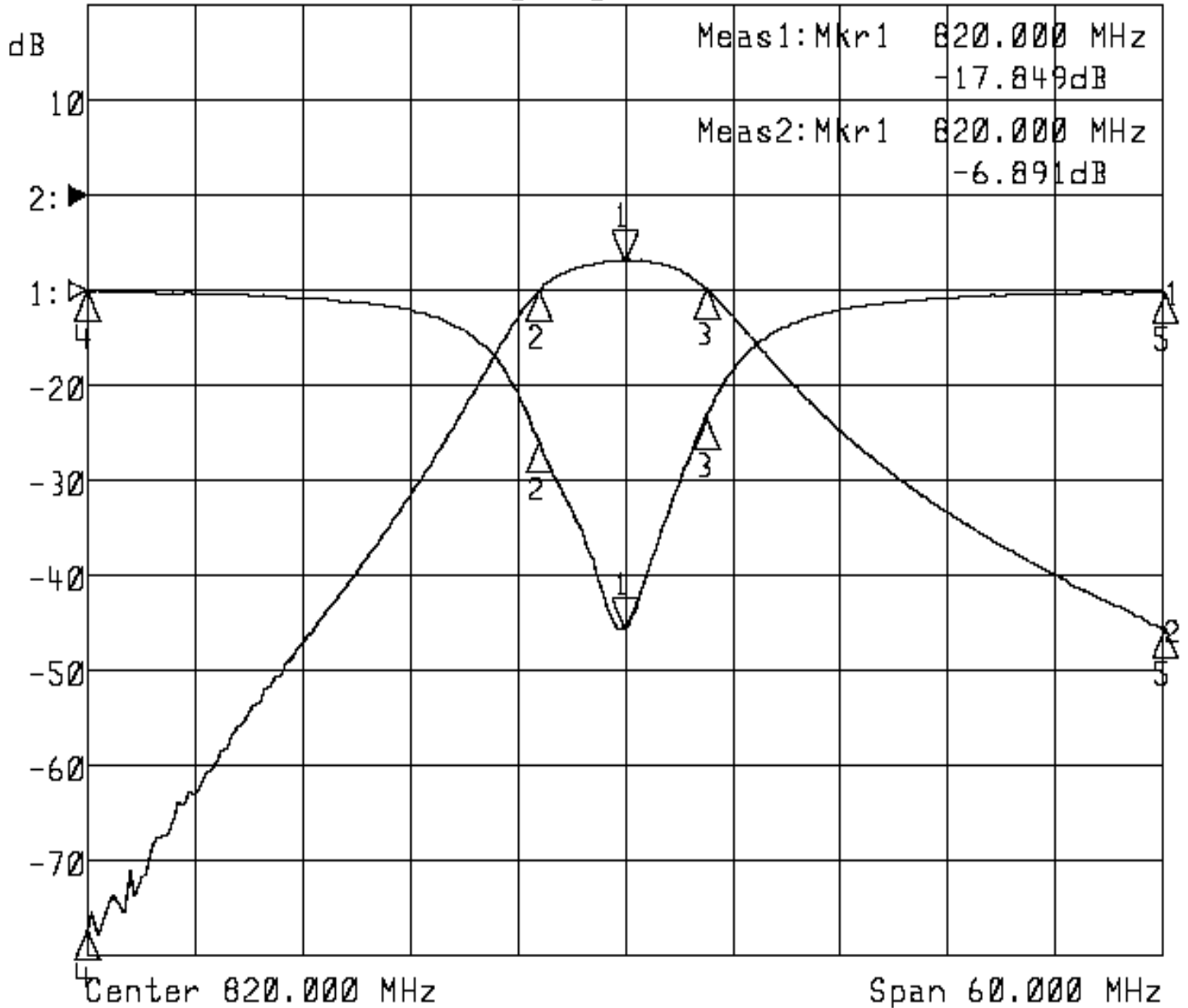
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7H3S(4*4.65) 7H046LB4 聚 3

TEMWELL CORPORATION

Performance-TT67147A-820M

2008033B

▶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



1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 820.0000	-17.849	1> 820.0000	-6.891
2: 815.2200	-7.960	2: 815.2200	-9.999
3: 824.5000	-6.735	3: 824.5000	-9.775
4: 790.0000	-0.042	4: 790.0000	-77.225
5: 850.0000	-0.117	5: 850.0000	-45.495