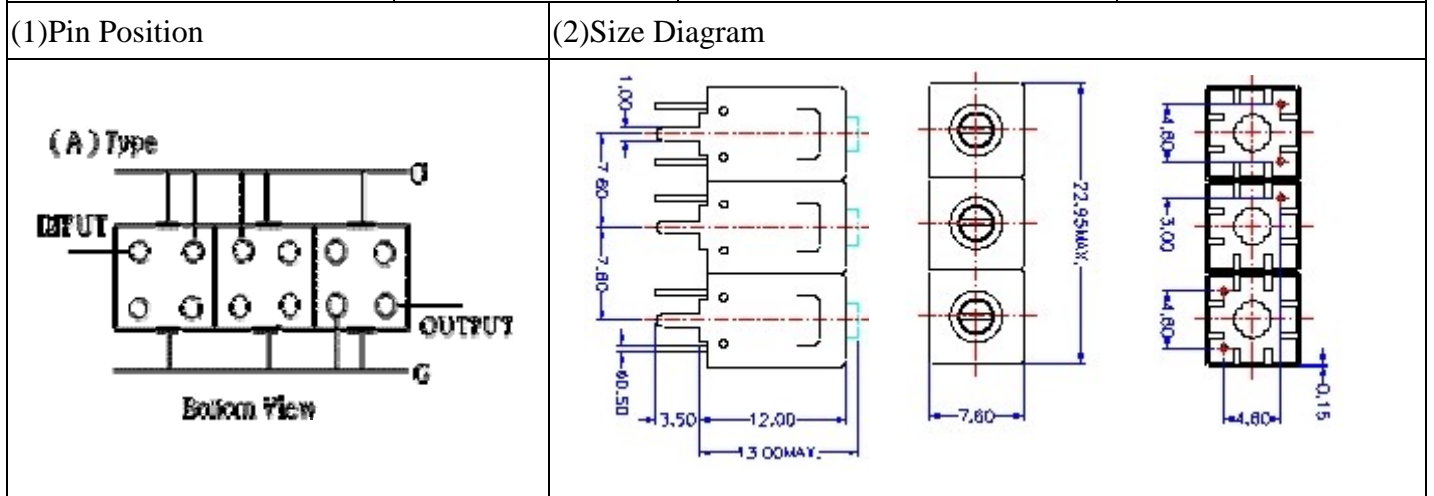


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTL67617A-850M
Approval No. /dated	20209002DC	Acceptable Specify Fo. Range	831~860MHz
Work Instruction No.	20209002DC	Date	Sep. 3, 2002



(3) Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	850 MHz	850 MHz	
Tunable Range	850±5 MHz	850±5 MHz	
Insertion Loss	Typ. 2.0 dB	1.19 dB	
-3 dB Bandwidth	Typ. 75 MHz	79.6 MHz	
Sensitivity (Attenuation)	Fo - 150 MHz	Typ. 41 dBc	44 dBc
	Fo + 150 MHz	Typ. 25 dBc	28 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo + ()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	35.3 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 75 Ω	In / Out : 75 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
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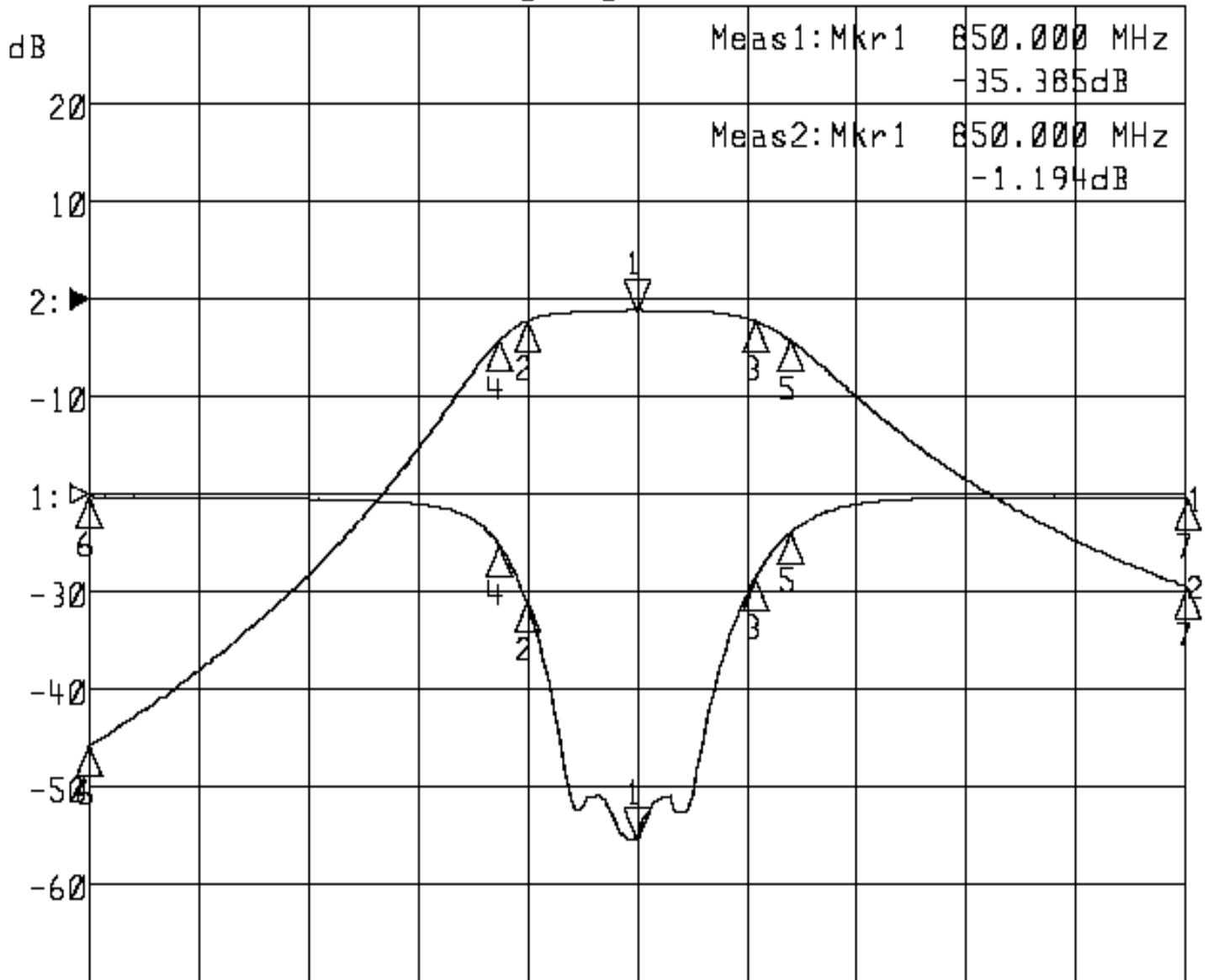
Approval	Supervisor	Designer	Aperture size
C. Y.Chang	C. S.Chang	C. S.Chang	7H3S(4*6.5) 7H046LB6

TEMWELL CORPORATION

Performance-TTL67617A-850M

20209002DC

▶1:S11 Refl Port1 Log Mag 10.0 dB/ Ref 0.00 dB C
 ▶2:S21 Fwd Trans Log Mag 10.0 dB/ Ref 0.00 dB C



Center 850.000 MHz

Span 300.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 850.0000	-35.385	1> 850.0000	-1.194
2: 819.8000	-10.947	2: 819.8000	-2.237
3: 882.1000	-8.781	3: 882.1000	-2.234
4: 812.4000	-5.245	4: 812.4000	-4.240
5: 892.0000	-3.907	5: 892.0000	-4.264
6: 700.0000	-0.328	6: 700.0000	-45.743
7: 1000.0000	-0.389	7: 1000.0000	-29.435