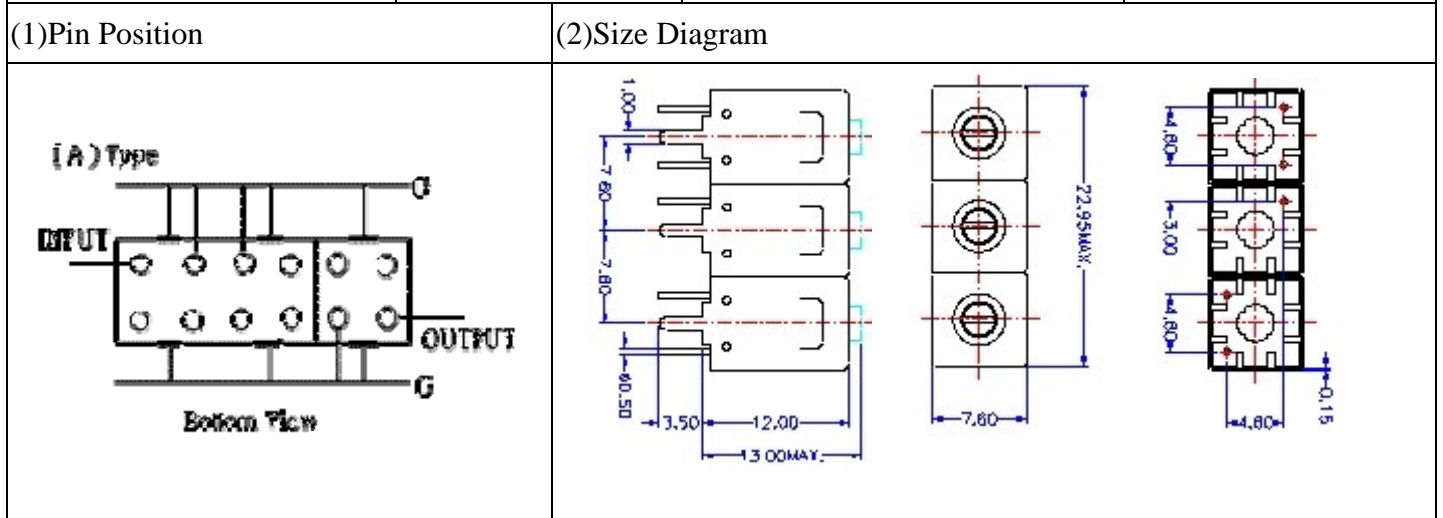


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TT67516A-850M
Approval No. /dated	20201018DC	Acceptable Specify Fo. Range	831~860MHz
Work Instruction No.	20201018DC	Date	Jan.08.2002



(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. 3.0 dB	1.7	dB
-3 dB Bandwidth	Typ. 70 MHz	79	MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 26	dBc
	Fo + 100 MHz	Typ. 13	dBc
	Fo - ()MHz	Typ.	dBc
	Fo +()MHz	Typ.	dBc
Return Loss	Min. 12 dB	20.4	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

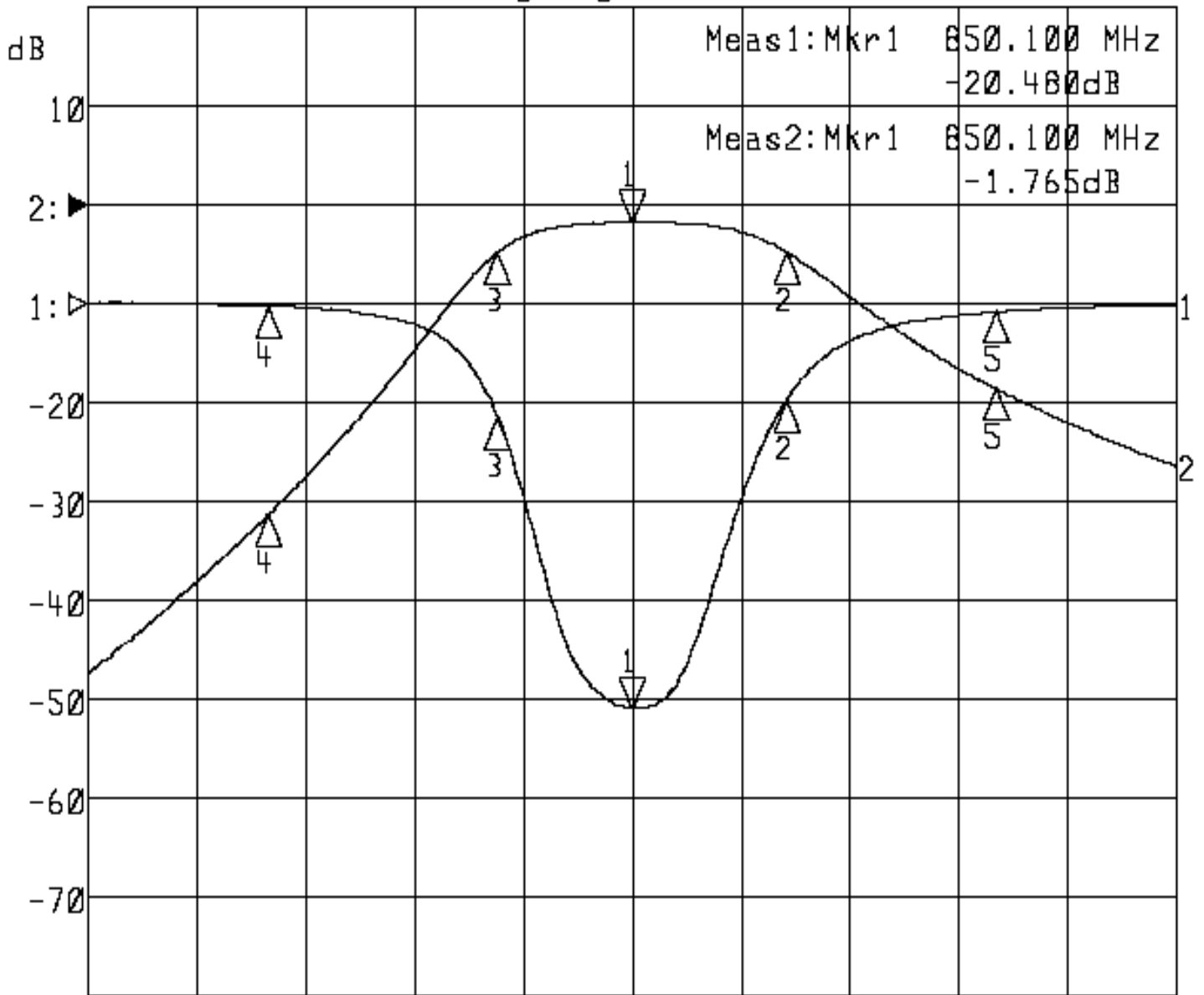
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	Enlan	7H3(4*7.5) 7H046LB5.5

TEMWELL CORPORATION

Performance-TT67516A-850M

20201018DC

▶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 850.000 MHz

Span 300.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 850.1000	-20.480	1> 850.1000	-1.765
2: 892.4000	-4.878	2: 892.4000	-4.739
3: 813.1000	-5.719	3: 813.1000	-4.716
4: 750.0000	-0.100	4: 750.0000	-31.225
5: 950.0000	-0.410	5: 950.0000	-18.534