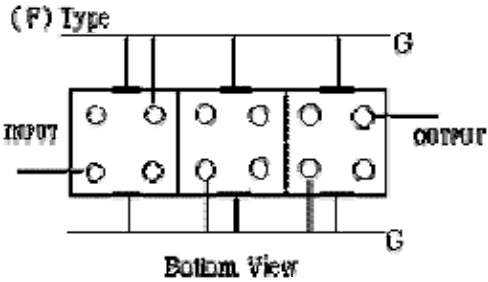
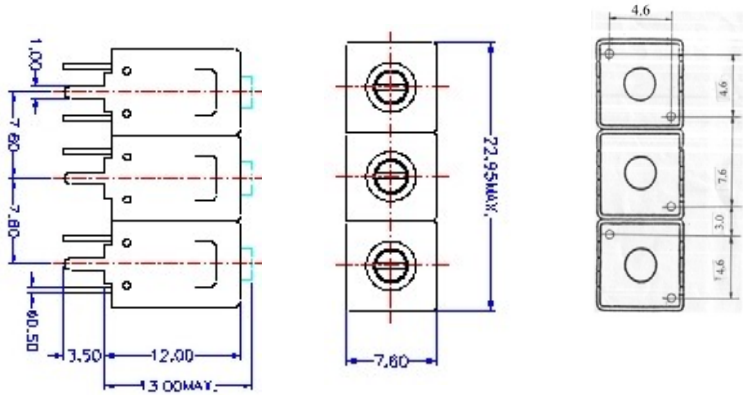


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TT67552F-858.5M
Approval No. /dated	20302029DC	Acceptable Specify Fo. Range	831~860MHz
Work Instruction No.	20302029DC	Date	

(1)Pin Position	(2)Size Diagram
 <p>(F) Type INPUT OUTPUT Bottom View</p>	

(3)Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	858.5 MHz	858.5 MHz	
Tunable Range	858.5±10 MHz	858.5±10 MHz	
Insertion Loss	Typ. 3.5 dB	2.4 dB	
-1 dB Bandwidth	Typ. 10 MHz	16 MHz	
-3 dB Bandwidth	Typ. 15 MHz	20 MHz	
Sensitivity (Attenuation)	Fo -100 MHz	Typ. 59 dBc	62 dBc
	Fo +100 MHz	Typ. 40 dBc	43 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	24.6 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

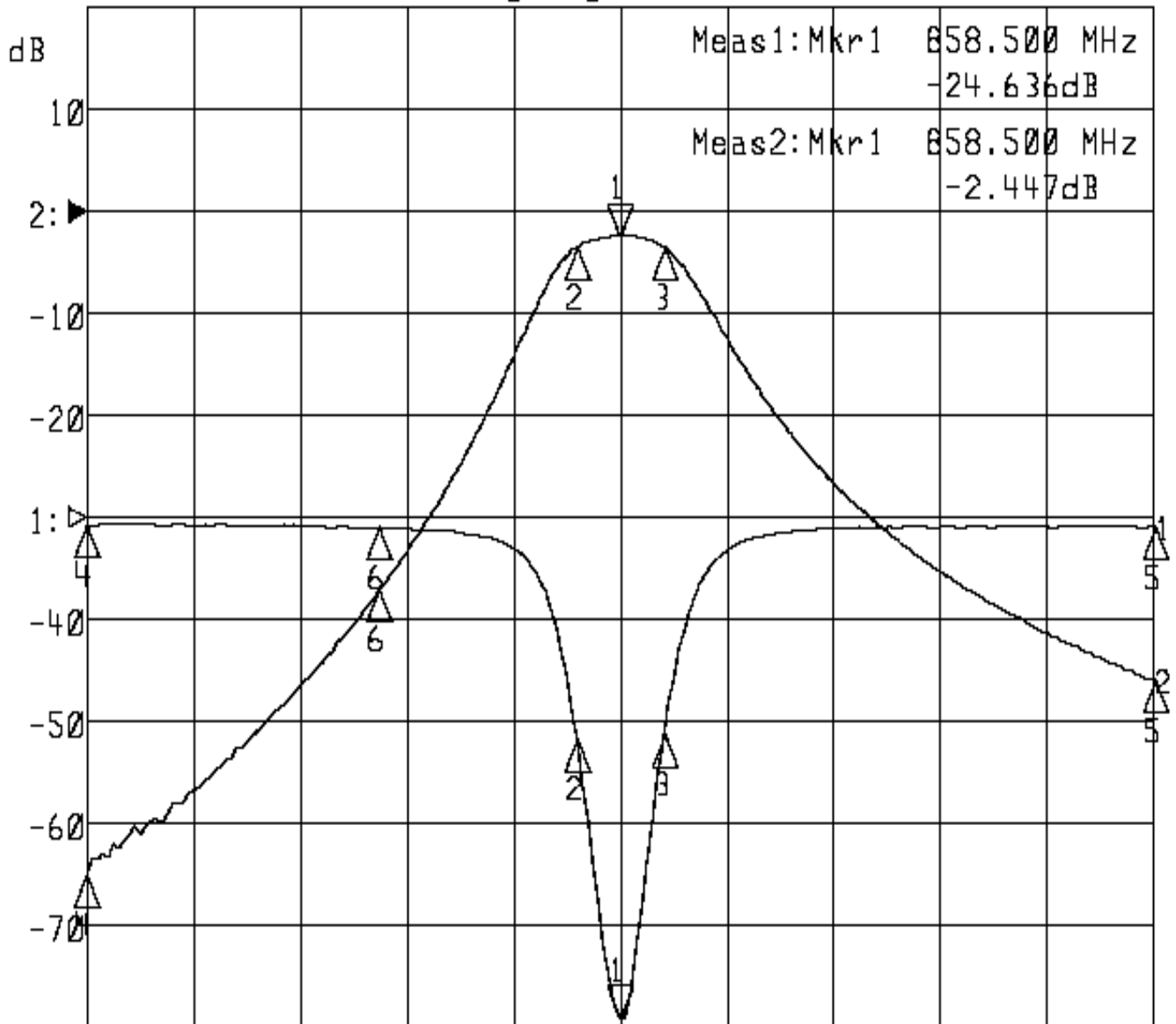
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7H3S(4*6.5)F 7H046LB4 聚 3

TEMWELL CORPORATION

Performance-TT67552F-858.5M

20302029DC

▷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 858.500 MHz

Span 200.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 858.5000	-24.636	1> 858.5000	-2.447
2: 850.3667	-10.842	2: 850.3667	-3.463
3: 866.7000	-10.573	3: 866.7000	-3.467
4: 758.5000	-0.359	4: 758.5000	-64.971
5: 958.5000	-0.439	5: 958.5000	-45.998
6: 813.5000	-0.537	6: 813.5000	-37.008