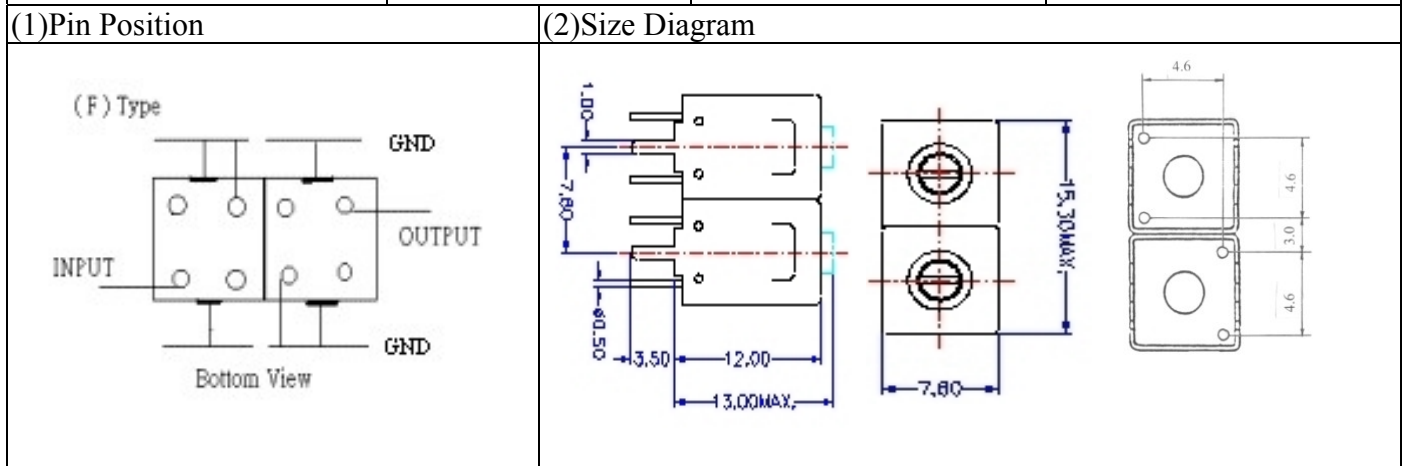


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDL6282F-855.25M
Approval No. /dated	0612117APR	Acceptable Specify Fo Range	831~860 MHZ
Work Instruction No.	0612117DC	Date	Jan.04.2007



(3) Electric Character

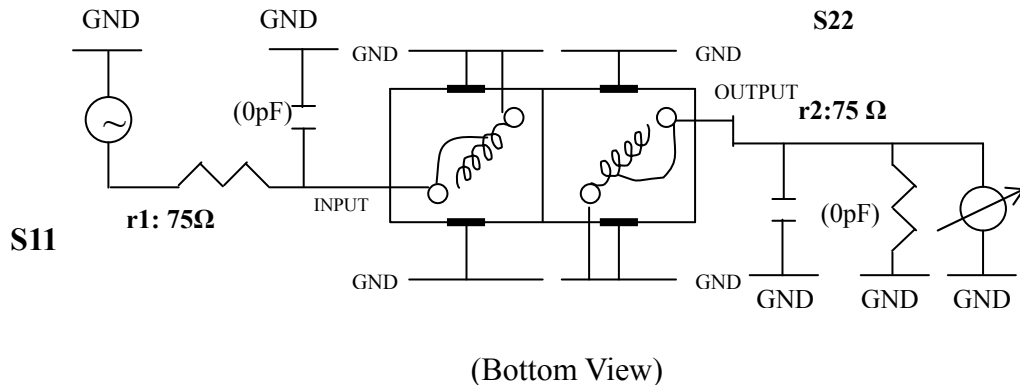
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	855.25 MHz	855.25 MHz	
Tunable Range	855.25±10 MHz	855.25±10 MHz	
Insertion Loss	Typ. 5.0 dB	4.04 dB	
-3 dB Bandwidth	Typ. 7 MHz	11.8 MHz	
Sensitivity (Attenuation)	Fo - 20 MHz	Typ. 16 dB	19 dB
	Fo + 20 MHz	Typ. 13 dB	16 dB
	Fo - ()MHz	Typ. dB	dB
	Fo +()MHz	Typ. dB	dB
Return Loss	Min. 12 dB	29.8 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

(7) Measuring Circuit: ※Easy to match Impedance 75Ωby parallel with about (0) pF.

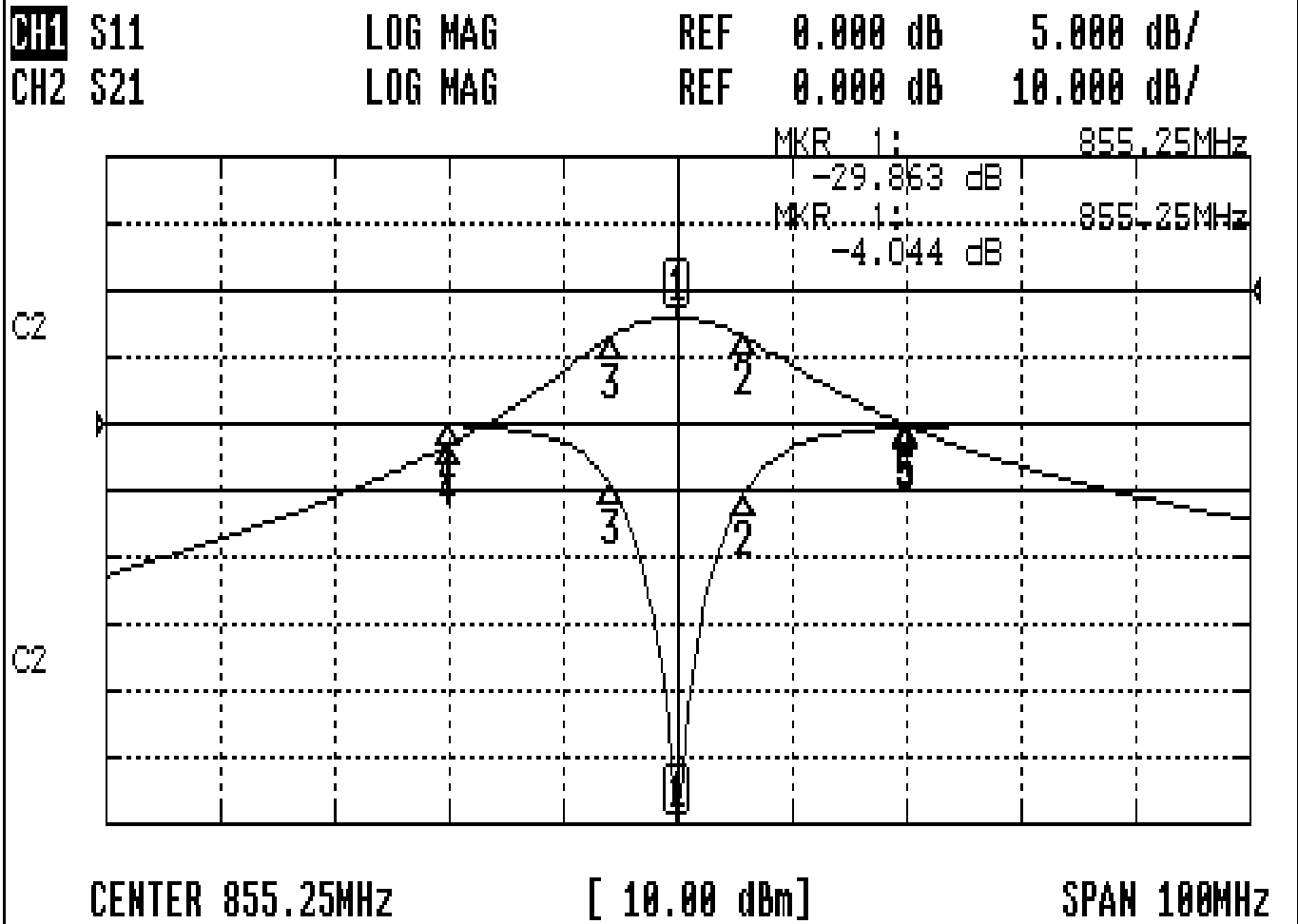


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	P.H.Chiang	7H2(4*4.5)F 7H046LB4 聚 3

TEMWELL CORPORATION

Performance-TDL6282F-855.25M

0612117DC



CH1 MARKER LIST

1:	855.250MHz	-29.863 dB
2:	861.166MHz	-5.177 dB
3:	849.333MHz	-4.510 dB
4:	835.250MHz	-0.090 dB
5:	875.250MHz	-0.277 dB

CH2 MARKER LIST

1:	855.250MHz	-4.044 dB
2:	861.166MHz	-7.033 dB
3:	849.333MHz	-7.044 dB
4:	835.250MHz	-23.100 dB
5:	875.250MHz	-20.226 dB