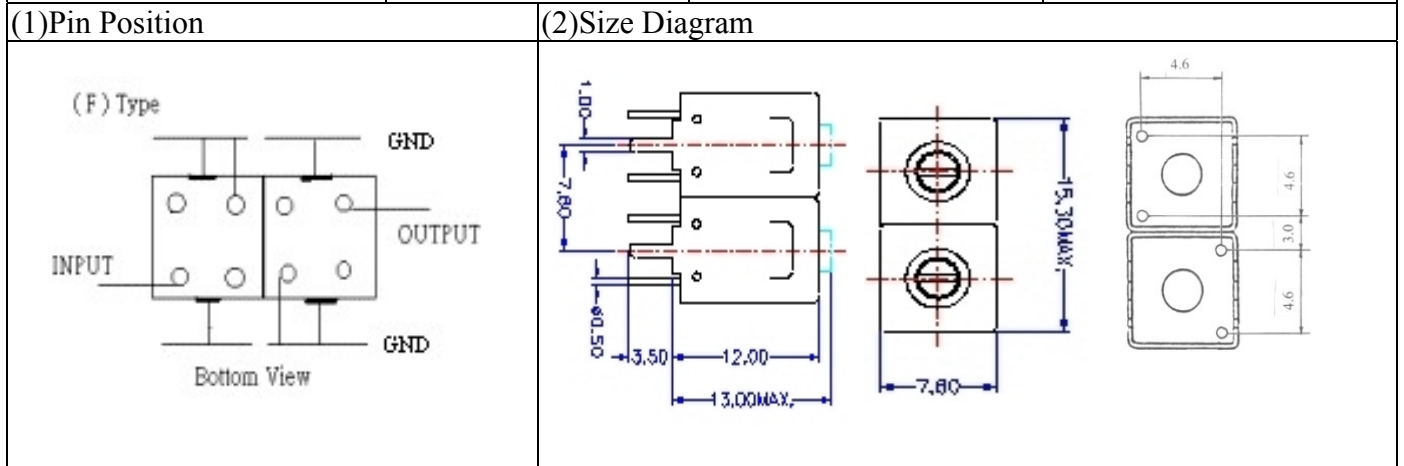


VHF UHF Helical Filter Specification Sheet

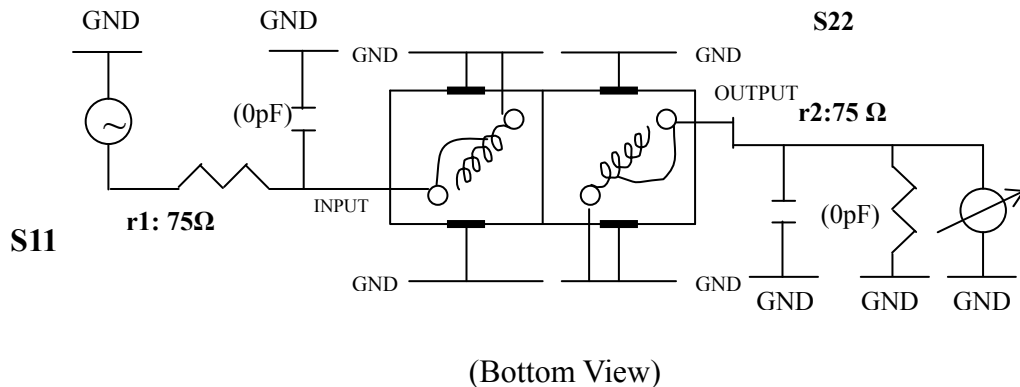
Customer Name		Temwell's Part No.	TDL6283F-861.25M
Approval No. /dated	0612118APR	Acceptable Specify Fo Range	861~900 MHZ
Work Instruction No.	0612118DC	Date	Jan.04.2007



(3) Electric Character			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		861.25 MHz	861.25 MHz
Tunable Range		861.25±10 MHz	861.25±10 MHz
Insertion Loss		Typ. 5.0 dB	4.35 dB
-3 dB Bandwidth		Typ. 7 MHz	11.6 MHz
Sensitivity (Attenuation)	Fo - 20 MHz	Typ. 17 dB	20 dB
	Fo + 20 MHz	Typ. 13 dB	16 dB
	Fo - ()MHz	Typ. dB	dB
	Fo +()MHz	Typ. dB	dB
Return Loss		Min. 12 dB	20.1 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

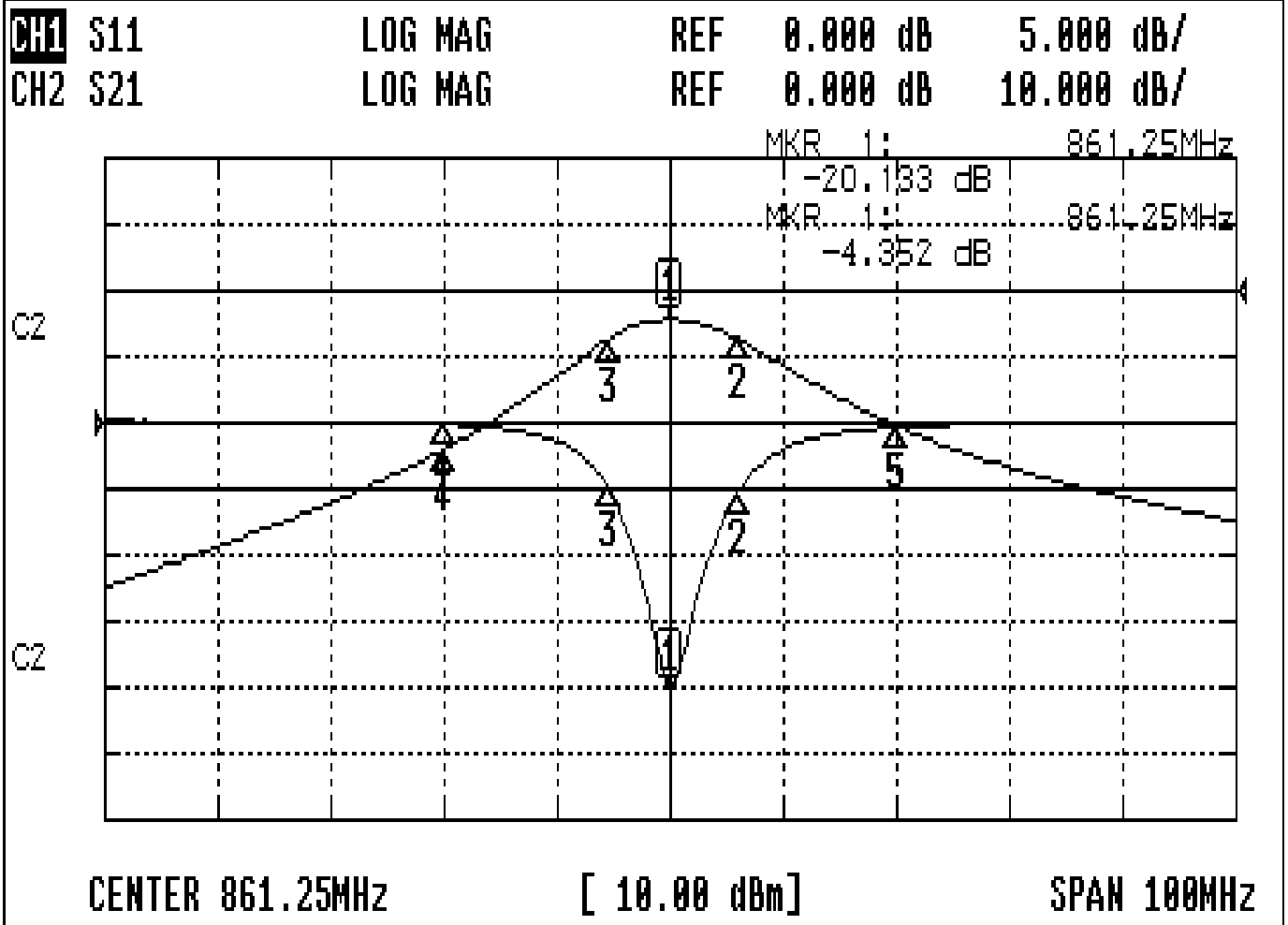
(7) Measuring Circuit: ※Easy to match Impedance 75Ω by parallel with about (0) pF.



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-TDL6283F-861.25M

0612118DC



CH1 MARKER LIST

1:	861.250MHz	-20.133 dB
2:	867.333MHz	-5.248 dB
3:	855.750MHz	-4.848 dB
4:	841.250MHz	-0.101 dB
5:	881.250MHz	-0.331 dB

CH2 MARKER LIST

1:	861.250MHz	-4.350 dB
2:	867.333MHz	-7.333 dB
3:	855.750MHz	-7.365 dB
4:	841.250MHz	-24.049 dB
5:	881.250MHz	-20.450 dB