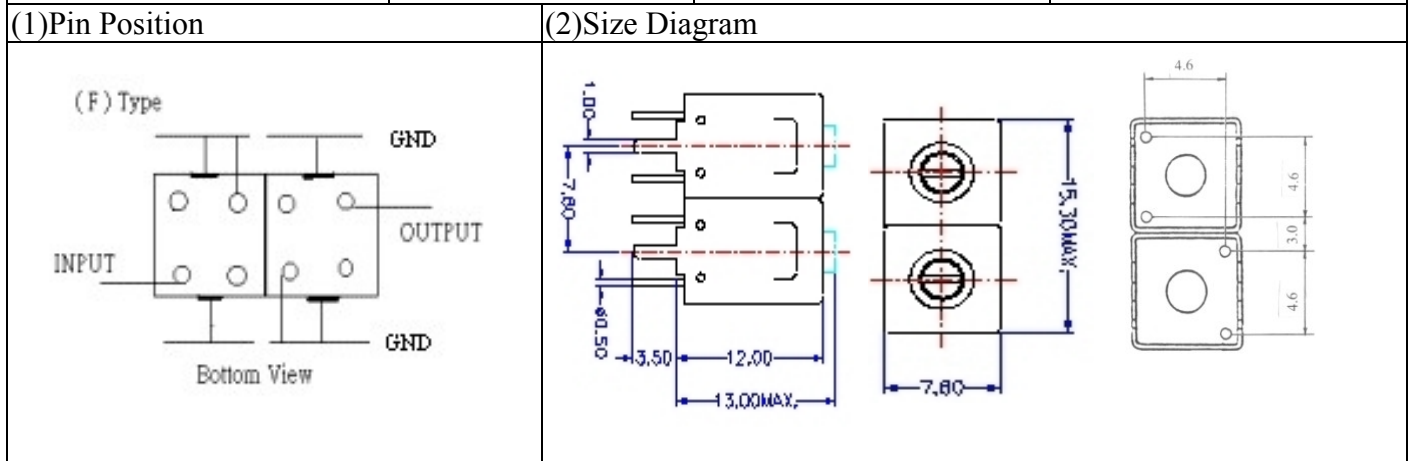


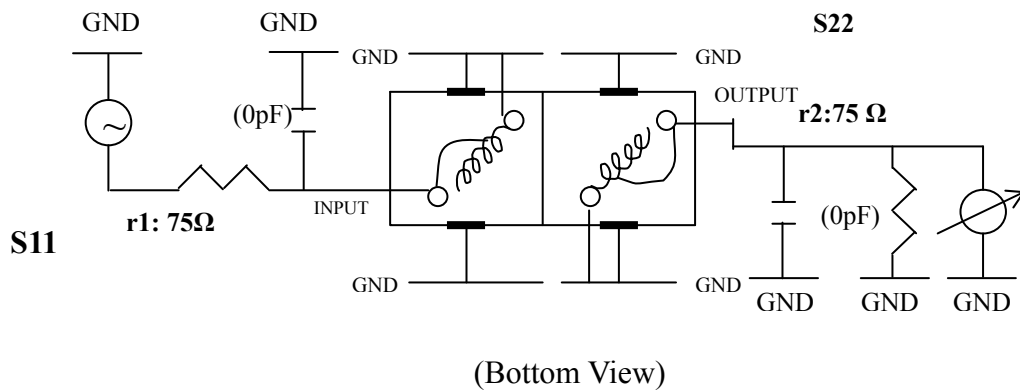
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDL6276F-819.25M
Approval No. /dated	0612111APR	Acceptable Specify Fo Range	801~830 MHz
Work Instruction No.	0612111DC	Date	Jan.04.2007



(3) Electric Character			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		819.25 MHz	819.25 MHz
Tunable Range		819.25±10 MHz	819.25±10 MHz
Insertion Loss		Typ. 5.5 dB	4.45 dB
-3 dB Bandwidth		Typ. 6 MHz	10.0 MHz
Sensitivity (Attenuation)	Fo - 20 MHz	Typ. 19 dB	22 dB
	Fo + 20 MHz	Typ. 16 dB	19 dB
	Fo - ()MHz	Typ. dB	dB
	Fo +()MHz	Typ. dB	dB
Return Loss		Min. 12 dB	34.9 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.

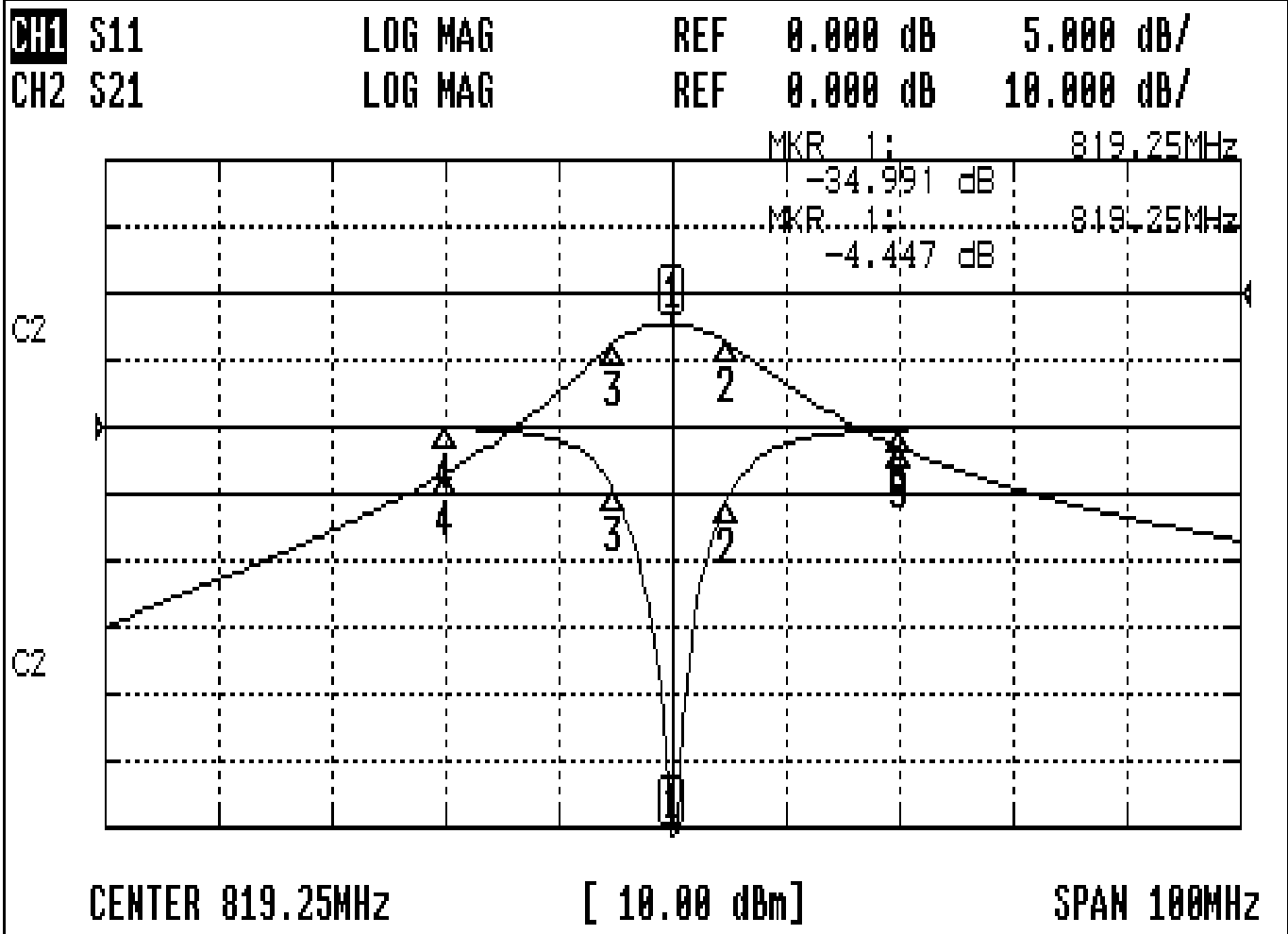


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	P.H.Chiang	7H2(4*4.5)F 7H046LB4 聚 3

TEMWELL CORPORATION

Performance-TDL6276F-819.25M

061211DC



CH1 MARKER LIST

1:	819.250MHz	-34.991 dB
2:	824.083MHz	-5.586 dB
3:	814.083MHz	-4.646 dB
4:	799.250MHz	-0.057 dB
5:	839.250MHz	-0.176 dB

CH2 MARKER LIST

1:	819.250MHz	-4.452 dB
2:	824.083MHz	-7.407 dB
3:	814.083MHz	-7.480 dB
4:	799.250MHz	-26.910 dB
5:	839.250MHz	-23.055 dB