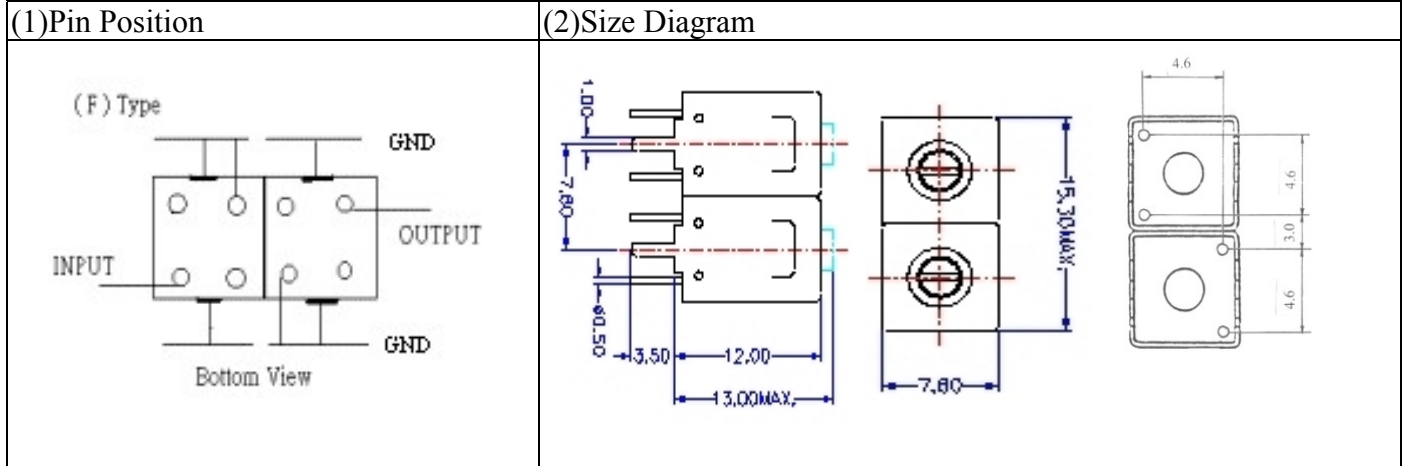


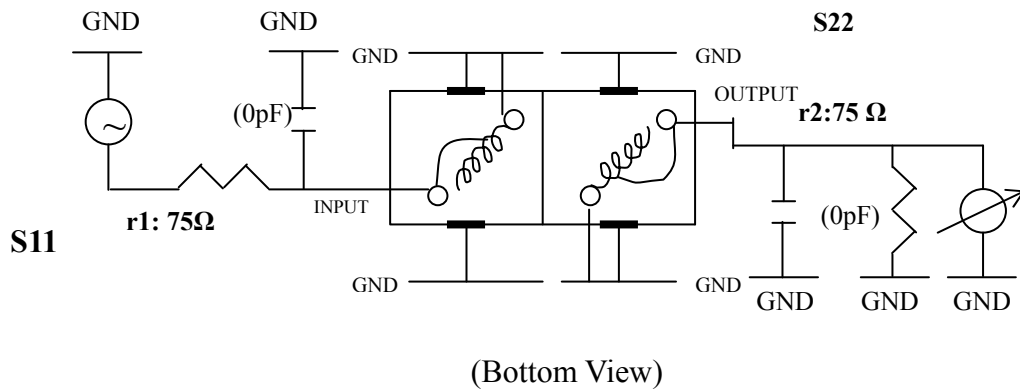
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDL6270F-783.25M
Approval No. /dated	0612105APR	Acceptable Specify Fo Range	751~800 MHZ
Work Instruction No.	0612105DC	Date	Jan.04.2007



(3) Electric Character			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		783.25 MHz	783.25 MHz
Tunable Range		783.25±5 MHz	783.25±5 MHz
Insertion Loss		Typ. 5.0 dB	3.99 dB
-3 dB Bandwidth		Typ. 6 MHz	10.3 MHz
Sensitivity (Attenuation)	Fo - 20 MHz	Typ. 20 dB	23 dB
	Fo + 20 MHz	Typ. 16 dB	19 dB
	Fo - ()MHz	Typ. dB	dB
	Fo +()MHz	Typ. dB	dB
Return Loss		Min. 12 dB	23.0 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		> 1 Watt	

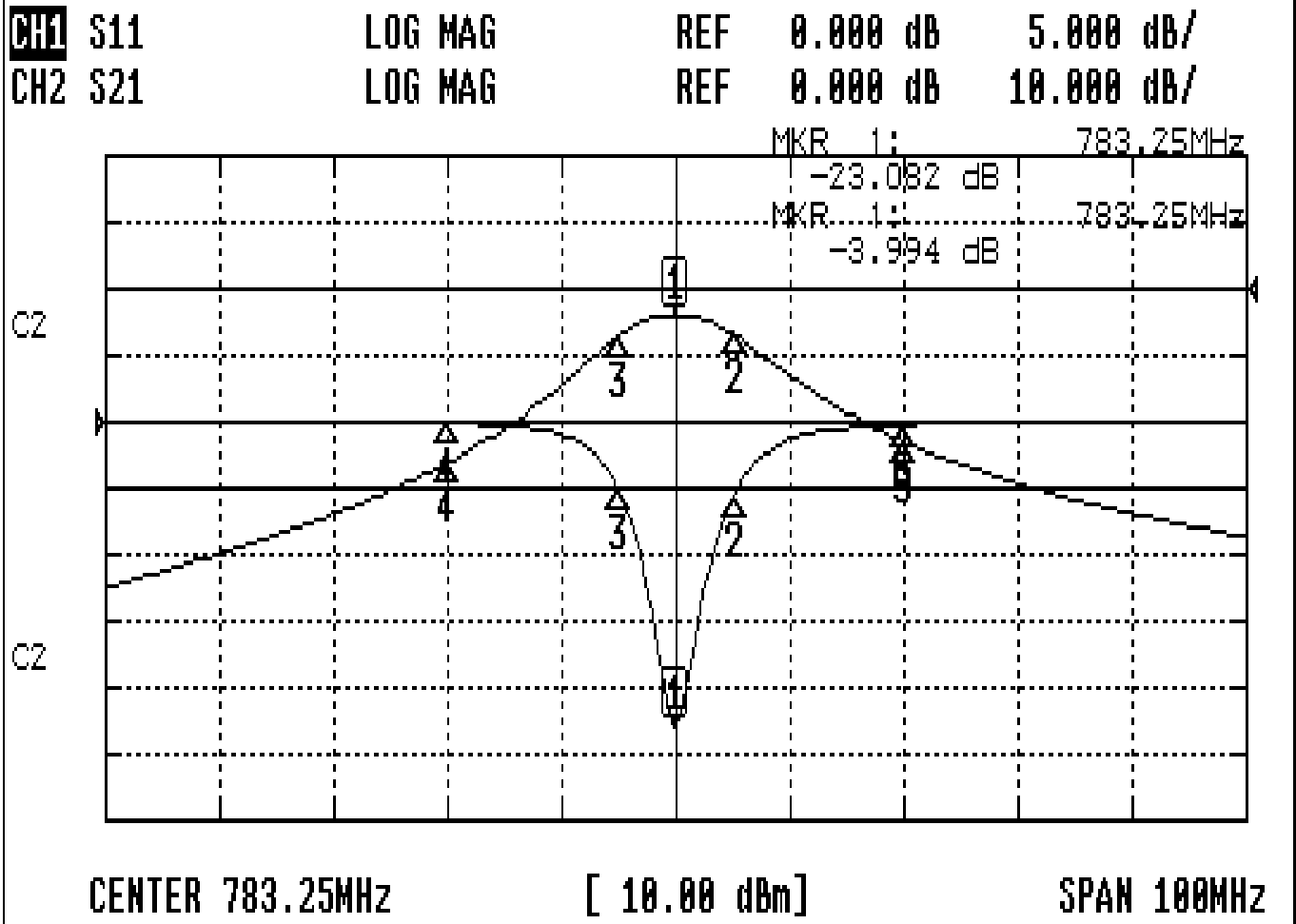
(7) Measuring Circuit: ※Easy to match Impedance 75Ωby parallel with about (0) pF.



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-TDL6270F-783.25M

0612105DC



CH1 MARKER LIST

1:	783.250MHz	-23.082	dB
2:	788.500MHz	-5.358	dB
3:	778.250MHz	-4.871	dB
4:	763.250MHz	-0.069	dB
5:	803.250MHz	-0.178	dB

CH2 MARKER LIST

1:	783.250MHz	-3.996	dB
2:	788.500MHz	-7.026	dB
3:	778.250MHz	-7.016	dB
4:	763.250MHz	-26.044	dB
5:	803.250MHz	-22.936	dB