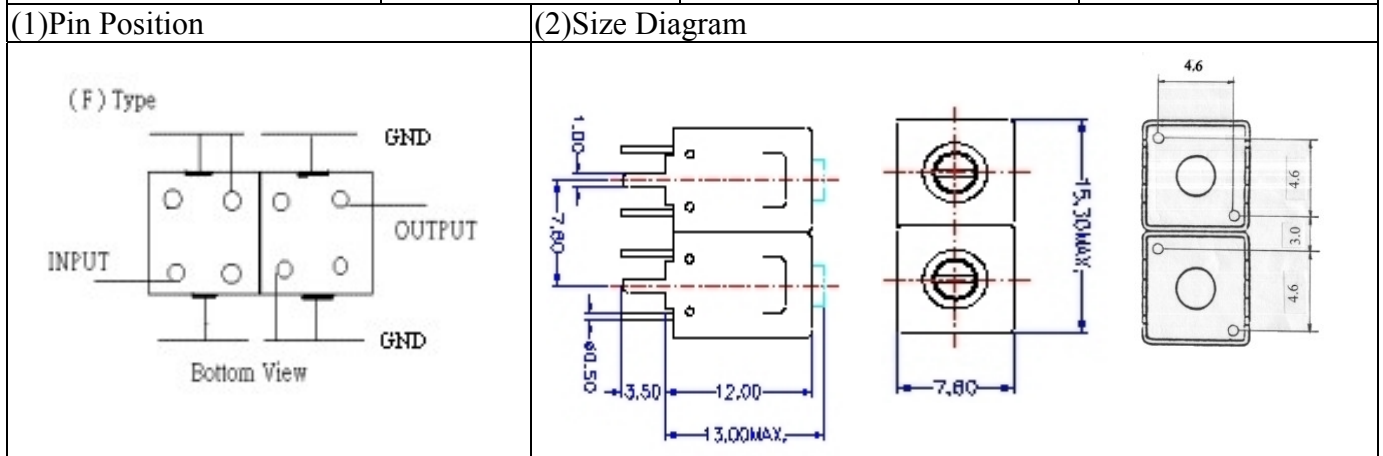


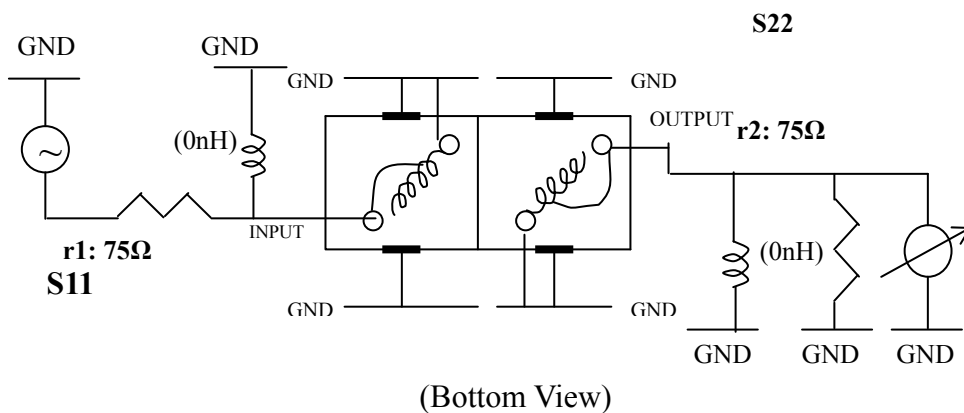
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDL6246F-639.25M
Approval No. /dated	0612081APR	Acceptable Specify Fo Range	596~640MHZ
Work Instruction No.	0612081DC	Date	Jan.03.2007



(3) Electric Character			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		639.25 MHz	639.25 MHz
Tunable Range		639.25±5 MHz	639.25±5 MHz
Insertion Loss		Typ. 5.0 dB	4.23 dB
-3 dB Bandwidth		Typ. 6 MHz	9.5 MHz
Sensitivity (Attenuation)	Fo - 30 MHz	Typ. 26 dB	29 dB
	Fo + 30 MHz	Typ. 21 dB	24 dB
	Fo - ()MHz	Typ. dB	dB
	Fo +()MHz	Typ. dB	dB
Return Loss		Min. 12 dB	21.2 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 75Ω by parallel with about (0) nH.

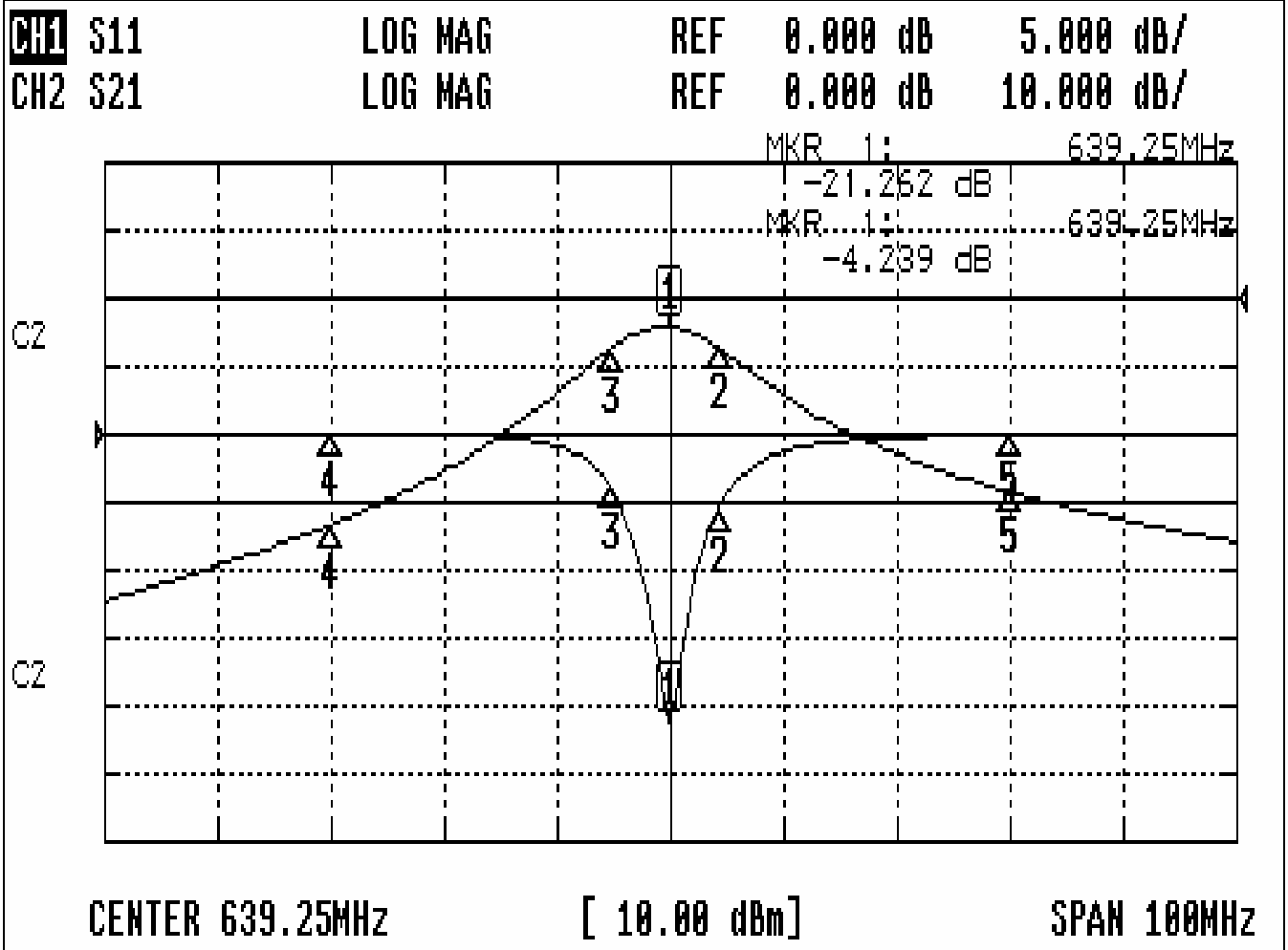


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	J.F.Lin	7H2(4*4.65)F 7H046LB4 聚 3

TEMWELL CORPORATION

Performance-TDL6246F-639.25M

0612081DC



CH1 MARKER LIST

1:	639.250MHz	-21.259 dB
2:	643.500MHz	-5.570 dB
3:	634.000MHz	-4.002 dB
4:	609.250MHz	0.108 dB
5:	669.250MHz	-0.026 dB

CH2 MARKER LIST

1:	639.250MHz	-4.239 dB
2:	643.500MHz	-7.207 dB
3:	634.000MHz	-7.253 dB
4:	609.250MHz	-33.247 dB
5:	669.250MHz	-28.495 dB