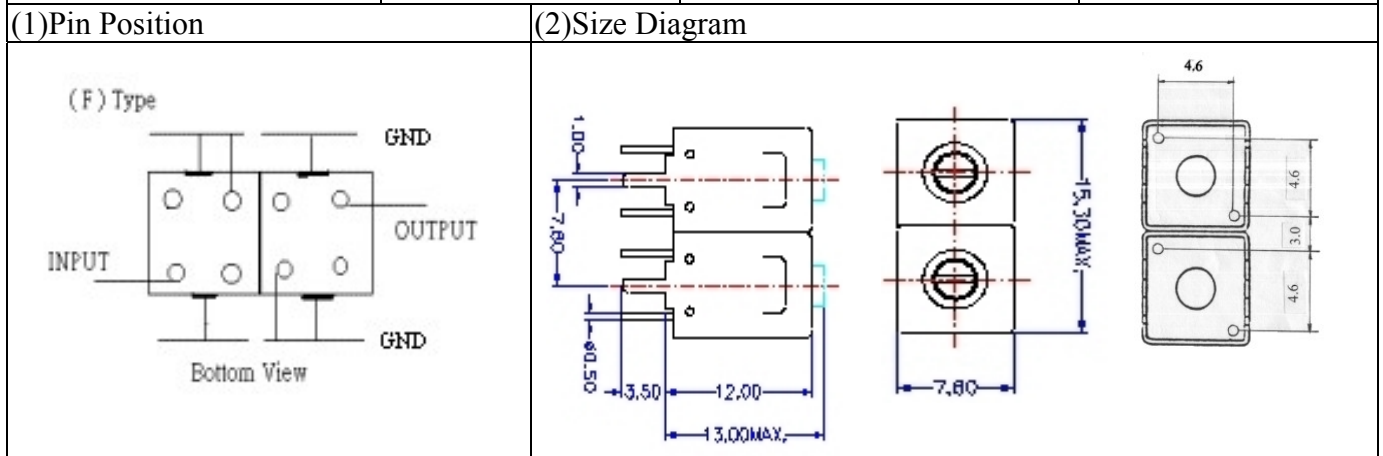


VHF UHF Helical Filter Specification Sheet

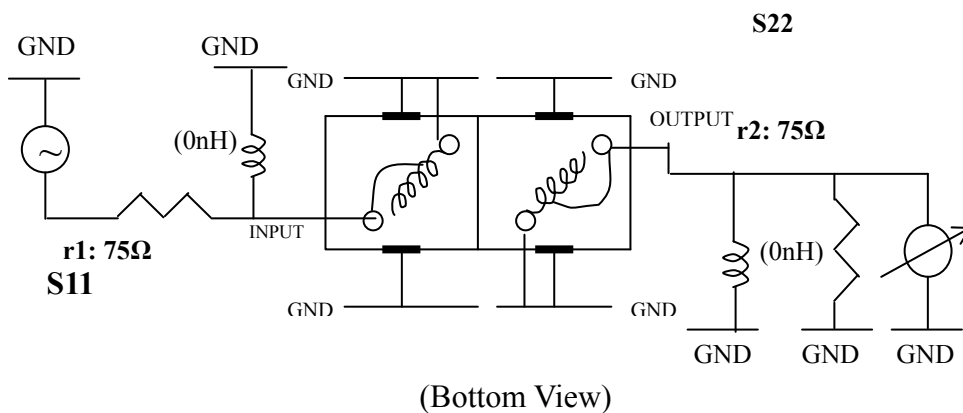
Customer Name		Temwell's Part No.	TDL6235F-573.25M
Approval No. /dated	0612070APR	Acceptable Specify Fo Range	556~595 MHz
Work Instruction No.	0612070DC	Date	Jan.04.2007



(3) Electric Characteristic			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		573.25 MHz	573.25 MHz
Tunable Range		573.25±5 MHz	573.25±5 MHz
Insertion Loss		Typ. 5.0 dB	4.14 dB
-3 dB Bandwidth		Typ. 6 MHz	8.7 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	22.7 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.

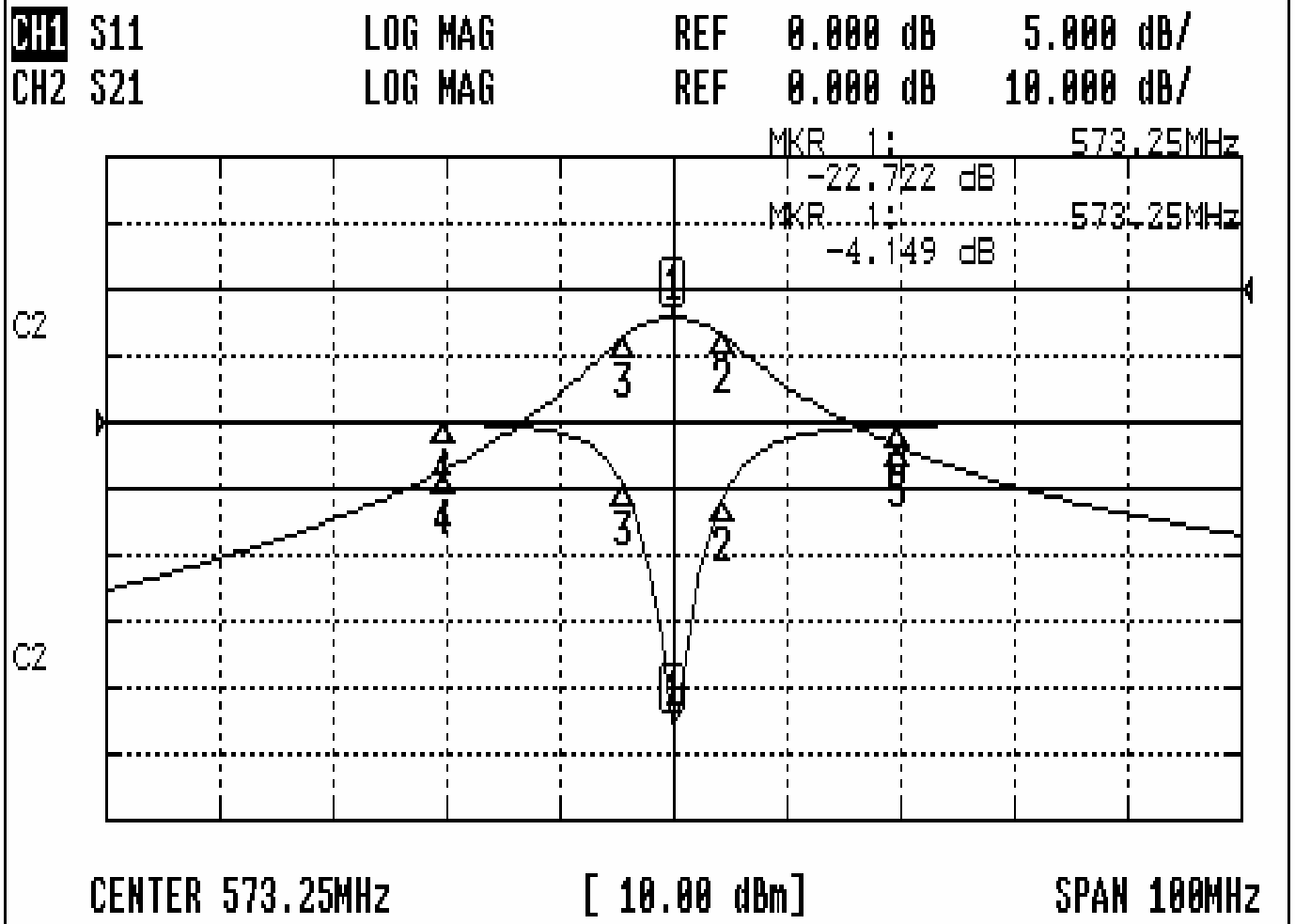


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	W.W.Wang	7H2(4*4.5) 7H046LB4 聚 3

TEMWELL CORPORATION

Performance-TDL6235F-573.25M

0612070DC



CH1 MARKER LIST

1:	573.250MHz	-22.573 dB
2:	577.666MHz	-5.802 dB
3:	568.916MHz	-4.786 dB
4:	533.200MHz	-0.063 dB
5:	593.200MHz	-0.227 dB

CH2 MARKER LIST

1:	573.250MHz	-4.149 dB
2:	577.666MHz	-7.076 dB
3:	568.916MHz	-7.111 dB
4:	533.200MHz	-27.090 dB
5:	593.200MHz	-23.676 dB