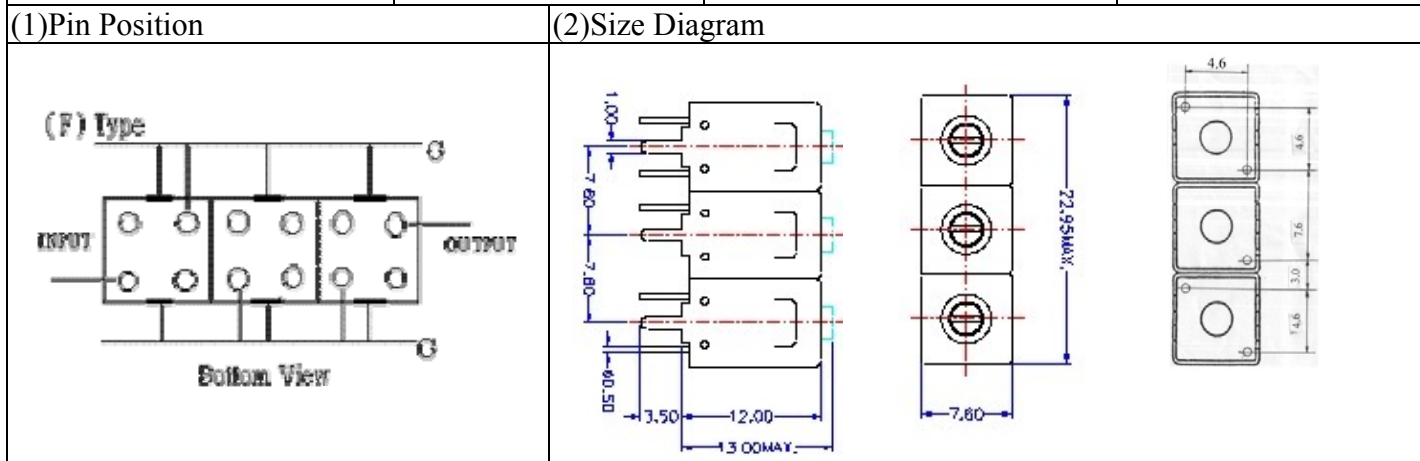


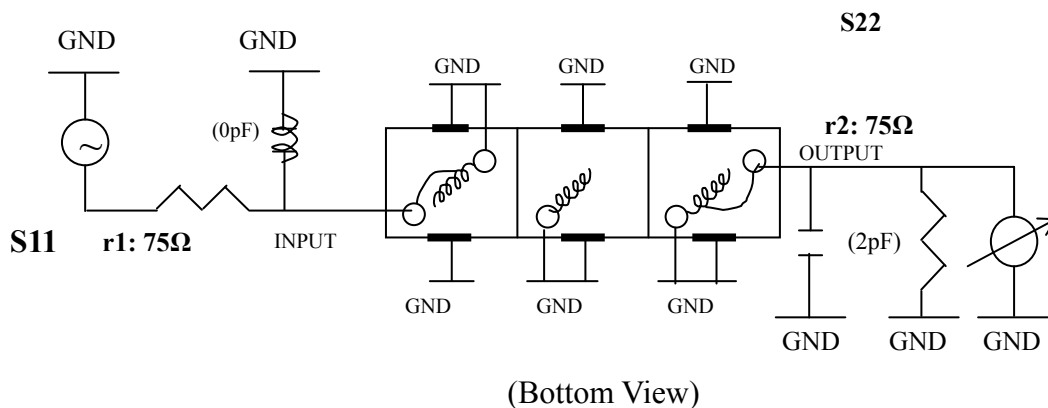
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTL6338F-591.25M
Approval No. /dated	0611063APR	Acceptable Specify Fo Range	556~595 MHz
Work Instruction No.	0611063DC	Date	Nov.20.2006



(3) Electric Chararistic			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		591.25 MHz	591.25 MHz
Tunable Range		591.25±5 MHz	591.25±5 MHz
Insertion Loss		Typ. 6.0 dB	4.93 dB
-3 dB Bandwidth		Typ. 6 MHz	9.1 MHz
Sensitivity (Attenuation)	Fo - 15 MHz	Typ. 26 dB	29 dB
	Fo + 15 MHz	Typ. 21 dB	24 dB
	Fo - ()MHz	Typ. dB	dB
	Fo +()MHz	Typ. dB	dB
Return Loss		Min. 12 dB	25.1 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 S11/S22 75Ω by parallel with about(0pF)/(2pF).



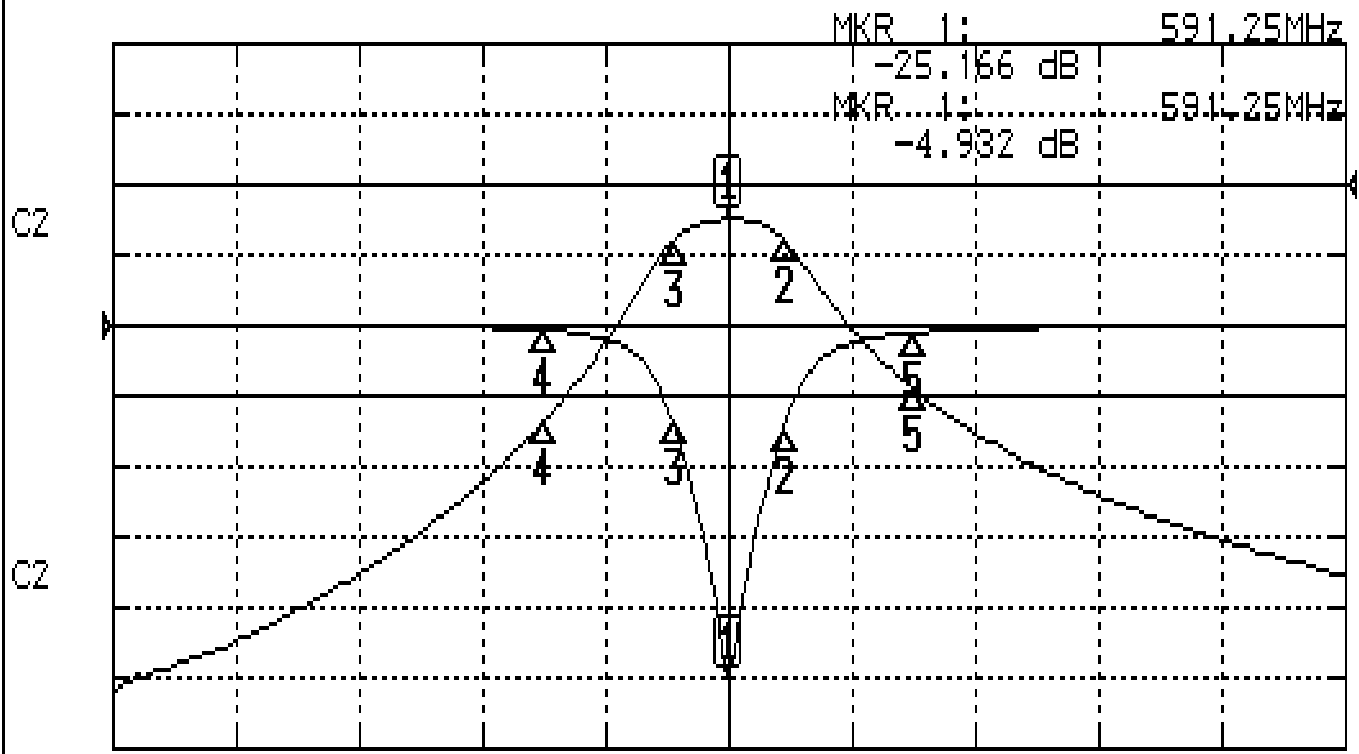
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7H3(4*4.65)F 7H046LB4 聚 3

TEMWELL CORPORATION

Performance-TTL6338F-591.25M

0611063DC

CH1 S11 LOG MAG REF 0.000 dB 5.000 dB/
CH2 S21 LOG MAG REF 0.000 dB 10.000 dB/



CENTER 591.25MHz

[10.00 dBm]

SPAN 100MHz

CH1 MARKER LIST

1:	591.250MHz	-25.166	dB
2:	595.833MHz	-7.012	dB
3:	586.750MHz	-16.875	dB
4:	576.250MHz	-0.323	dB
5:	606.250MHz	-0.507	dB

CH2 MARKER LIST

1:	591.250MHz	-4.932	dB
2:	595.833MHz	-7.071	dB
3:	586.750MHz	-7.000	dB
4:	576.250MHz	-33.600	dB
5:	606.250MHz	-28.900	dB