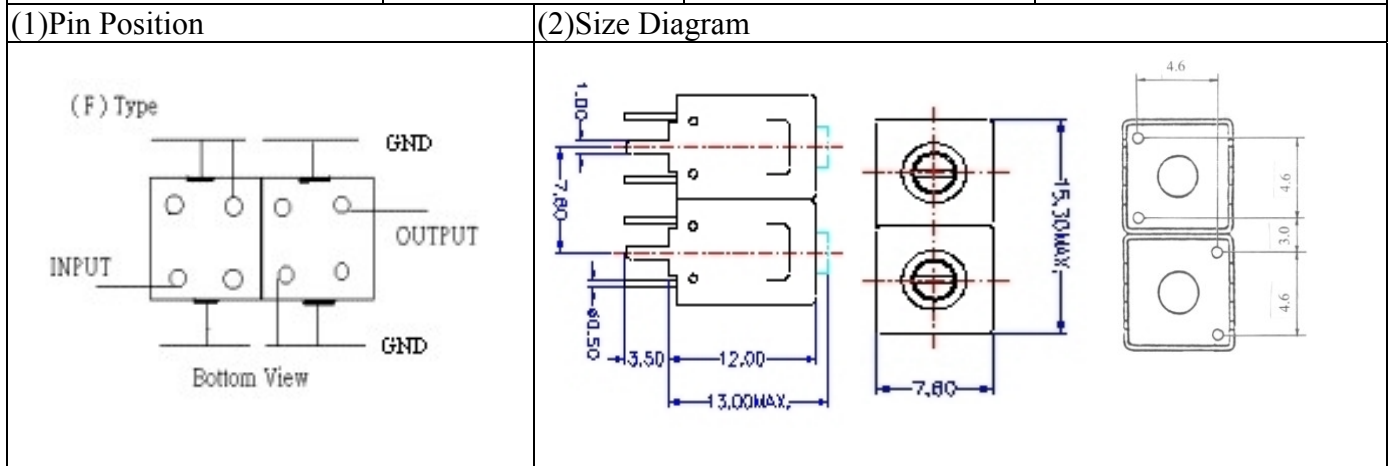


VHF UHF Helical Filter Specification Sheet

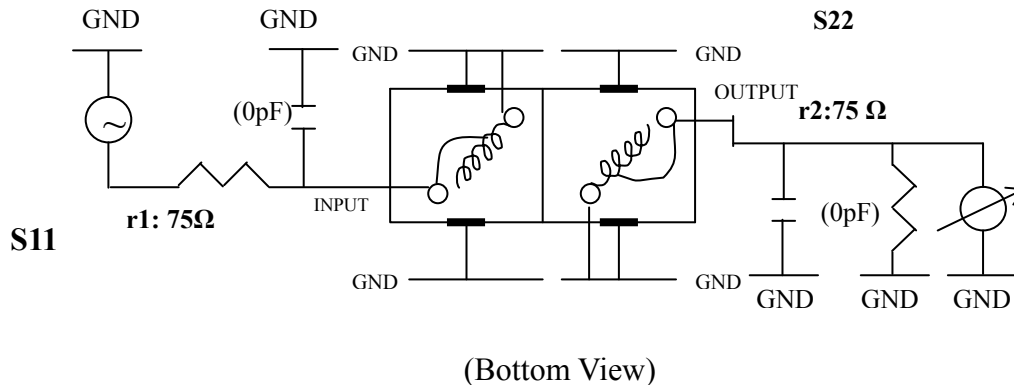
Customer Name		Temwell's Part No.	TDL6258F-711.25M
Approval No. /dated	0612093APR	Acceptable Specify Fo Range	701~750 MHZ
Work Instruction No.	0612093DC	Date	Dec.29.2006



(3) Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	711.25 MHz	711.25 MHz	
Tunable Range	711.25±5 MHz	711.25±5 MHz	
Insertion Loss	Typ. 6.0 dB	4.93 dB	
-3 dB Bandwidth	Typ. 5 MHz	8.6 MHz	
Sensitivity (Attenuation)	Fo - 20 MHz	Typ. 22 dB	25 dB
	Fo + 20 MHz	Typ. 18 dB	21 dB
	Fo - ()MHz	Typ. dB	dB
	Fo +()MHz	Typ. dB	dB
Return Loss	Min. 12 dB	22.9 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 75Ωby parallel with about (0) pF.

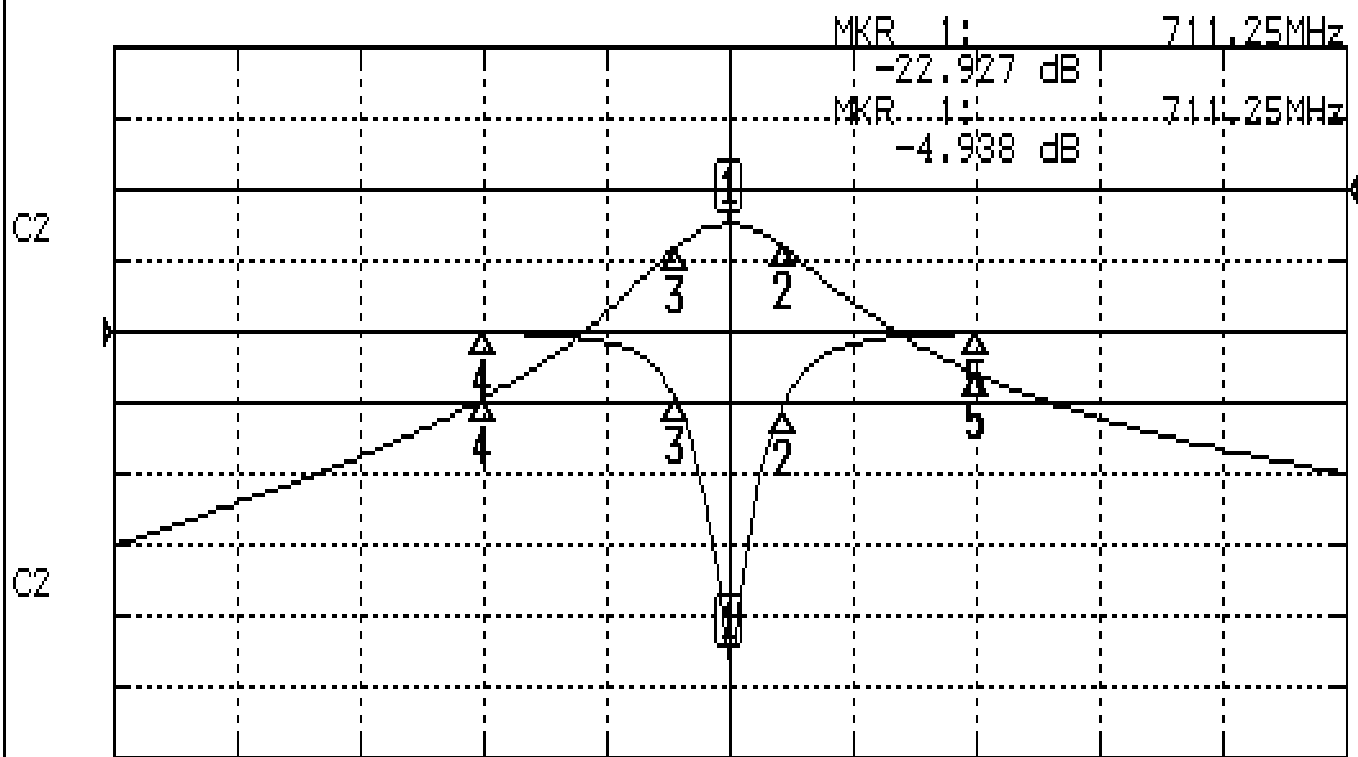


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	P.H.Chiang	7H2(4*4.5)F 7H046LB4 聚 3
TEMWELL CORPORATION			

Performance-TDL6258F-711.25M

0612093DC

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



CENTER 711.25MHz

[10.00 dBm]

SPAN 100MHz

CH1 MARKER LIST

1:	711.250MHz	-22.927 dB
2:	715.500MHz	-5.368 dB
3:	706.916MHz	-4.795 dB
4:	691.250MHz	-0.075 dB
5:	731.250MHz	-0.103 dB

CH2 MARKER LIST

1:	711.250MHz	-4.936 dB
2:	715.500MHz	-7.923 dB
3:	706.916MHz	-7.927 dB
4:	691.250MHz	-29.422 dB
5:	731.250MHz	-25.972 dB