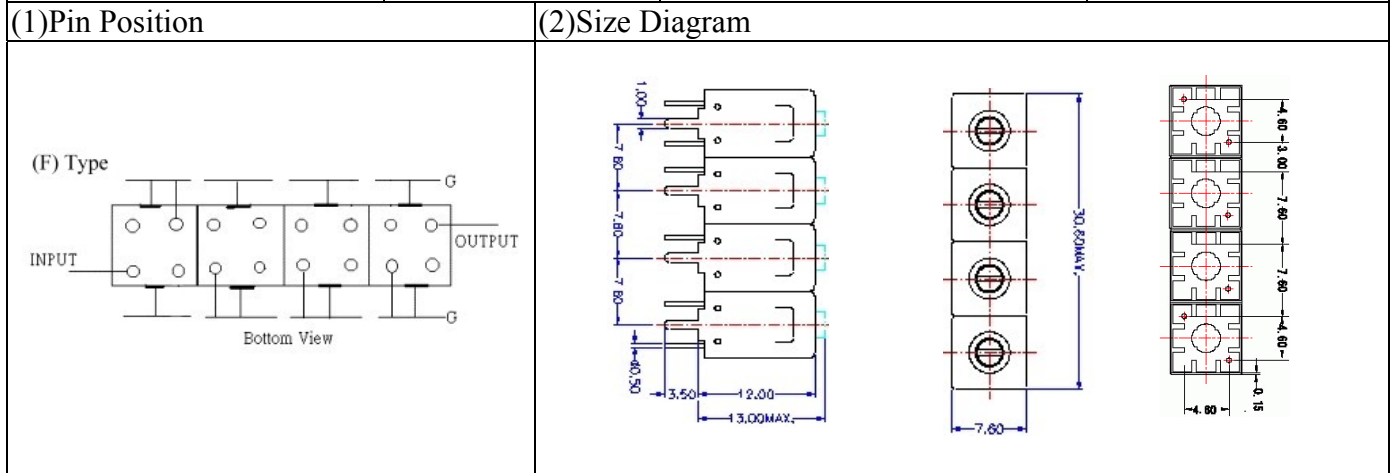


VHF UHF Helical Filter Specification Sheet

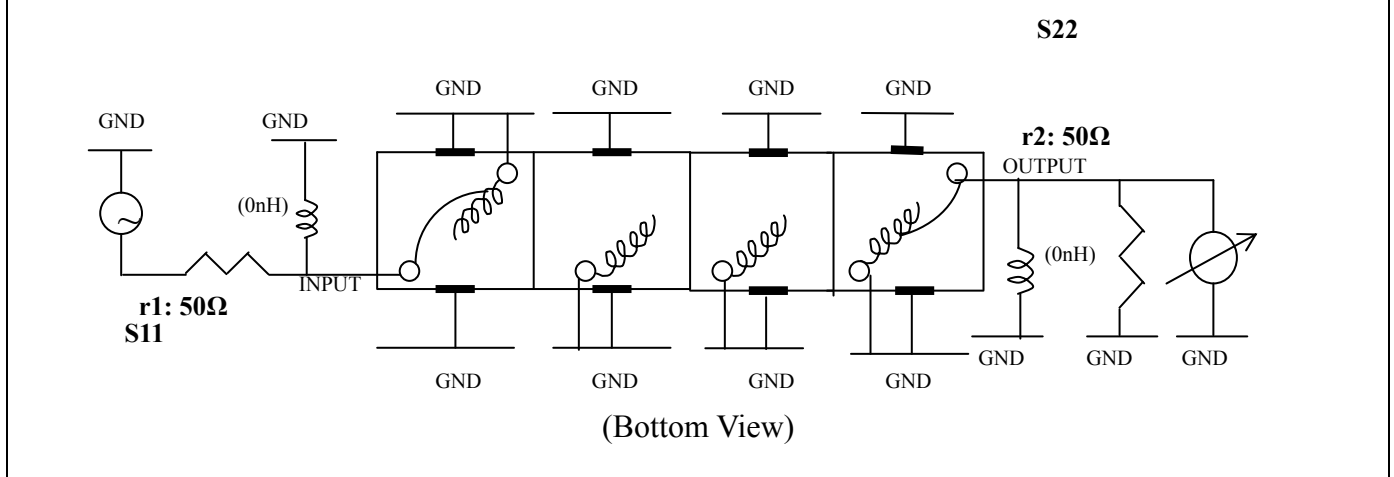
Customer Name		Temwell's Part No.	TF64221F-344M
Approval No. /dated	0801061APR	Acceptable Specify Fo Range	311~355MHz
Work Instruction No.	0801061CD	Date	Feb.20.2008



(3) Electric Charasteric

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	344 MHz	344 MHz	
Insertion Loss	Typ. 3.5 dB	2.55 dB	
-3 dB Bandwidth	Typ. 15 MHz	17.8 MHz	
Sensitivity (Attenuation)	Fo - 40 MHz	Typ. 73 dBc	76 dBc
	Fo + 40 MHz	Typ. 43 dBc	46 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	28.1 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 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 50Ω/75Ω by parallel with about(0 nH) / (0 nH).



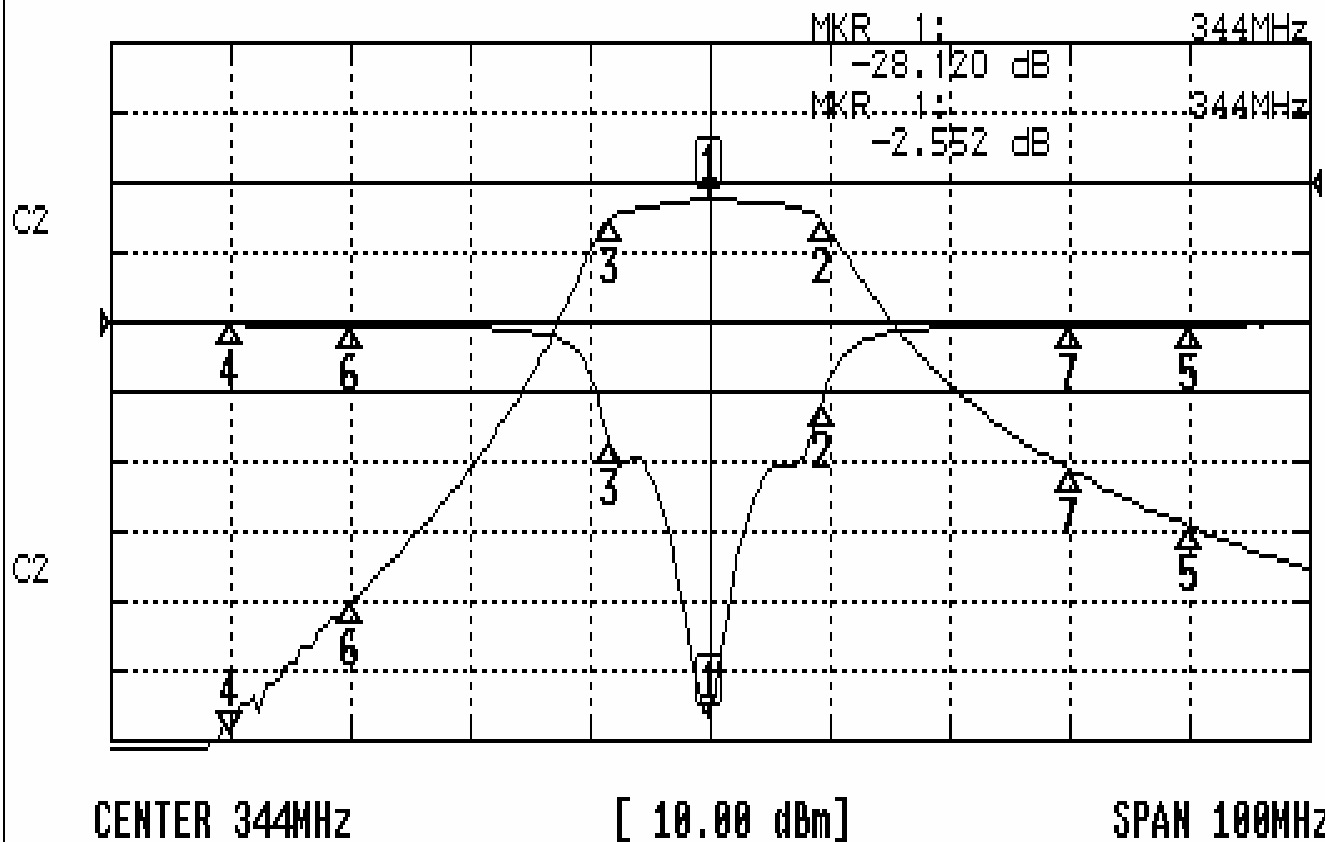
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	P.H.Chiang	7H4(4*6.5)*(5.0B) 7H046LB5

TEMWELL CORPORATION

Performance-TF64221F-344M

0801061CD

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



CH1 MARKER LIST

1	344.000MHz	-28.120	dB
2	353.333MHz	-15.821	dB
3	335.500MHz	-8.418	dB
4	304.000MHz	-0.144	dB
5	384.000MHz	-0.155	dB
6	314.000MHz	-0.195	dB
7	374.000MHz	-0.200	dB
10			

CH2 MARKER LIST

1	344.000MHz	-2.553	dB
2	353.333MHz	-1.537	dB
3	335.500MHz	-1.554	dB
4	304.000MHz	-78.870	dB
5	384.000MHz	-49.276	dB
6	314.000MHz	-60.120	dB
7	374.000MHz	-41.096	dB
10			