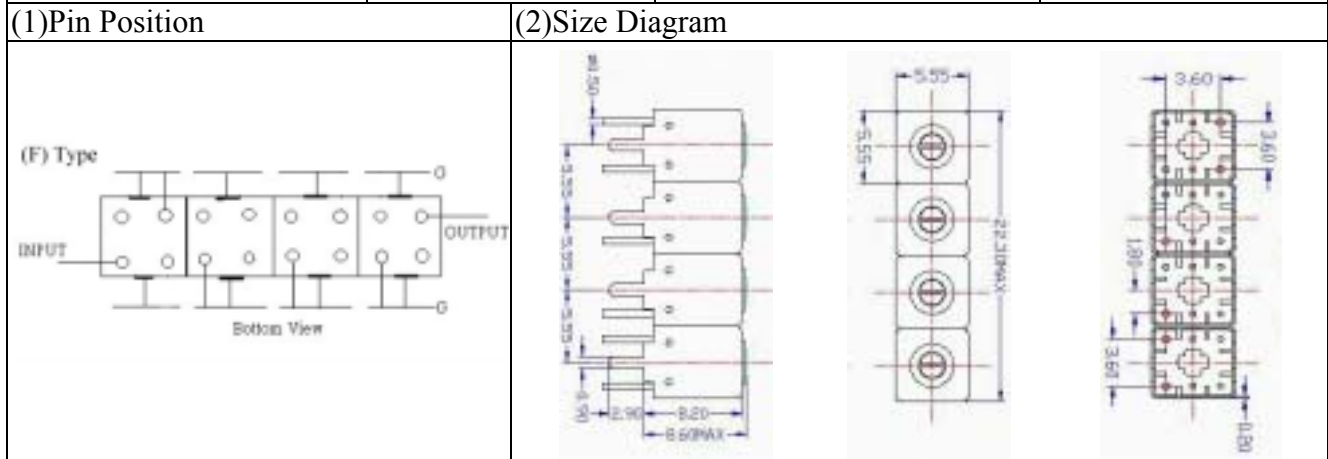


VHF UHF Helical Filter Specification Sheet

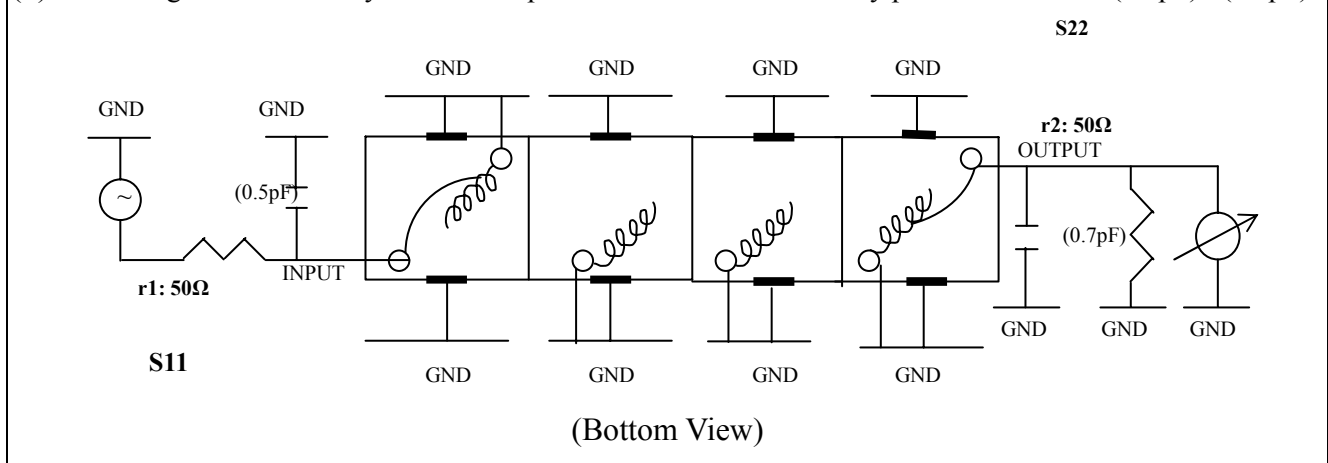
Customer Name		Temwell's Part No.	TFW4647F-1950M
Approval No. /dated	0712106APR	Temwell,s print Name	4647F 1950M
Work Instruction No.	0712106CD	Date	Mar.17.2008



(3)Electric Charasteric

Item	Specify	
Center Freq.(Fo) +/- 0.5 %	1950	MHz
Insertion Loss	Typ. 4.0	dB
-3 dB Bandwidth	Typ. 59	MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 20 dBc
	Fo + 100 MHz	Typ. 23 dBc
	Fo - ()MHz	Typ. dBc
	Fo +()MHz	Typ. dBc
Return Loss	Min. 12	dB
Ripple	< 1	dB
Impedance	In / Out : 50 Ω	
(4)Torque for Tuning Screw	> 60gf cm	
(5)Temperature Condition:		
Operating Temperature	0 ~ +60	
Storage Temperature	-20 ~ +70	
(6)Input Power	> 0.5Watt	

(7) Measuring Circuit: Easy to match Impedance S11/S22 50Ω/50Ω by parallel with about(0.5pF) / (0.7pF).

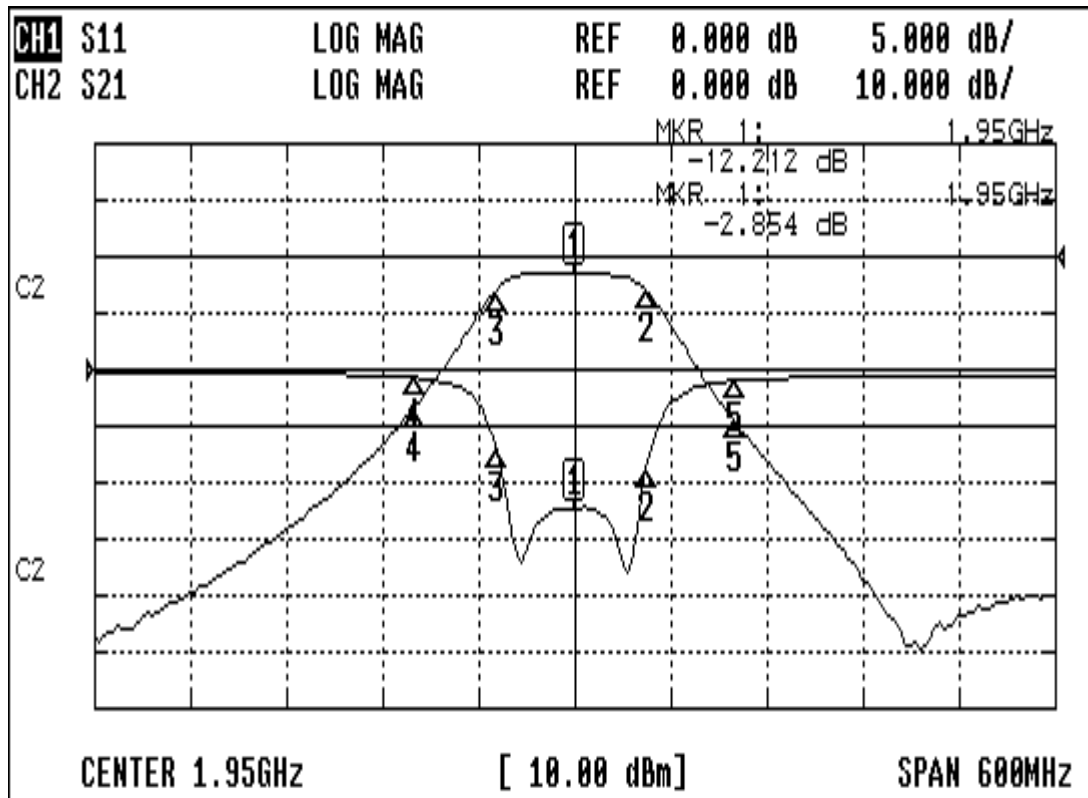


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	Y.H.Chuan	5W4(3.8*4.0F)*(3.2B) 5HW046RB3.2

TEMWELL CORPORATION

Performance-TFW4647F-1950M

0712106CD



CH1 MARKER LIST

1:	1.950 000GHz	-12.212 dB
2:	1.995 000GHz	-8.845 dB
3:	1.901 500GHz	-7.031 dB
4:	1.850 000GHz	-0.715 dB
5:	2.050 000GHz	-0.972 dB
6:		
7:		
8:		
9:		
10:		

CH2 MARKER LIST

1:	1.950 000GHz	-2.854 dB
2:	1.995 000GHz	-5.888 dB
3:	1.901 500GHz	-5.840 dB
4:	1.850 000GHz	-26.753 dB
5:	2.050 000GHz	-29.059 dB
6:		
7:		
8:		
9:		
10:		