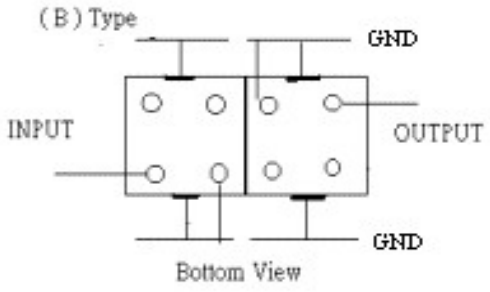
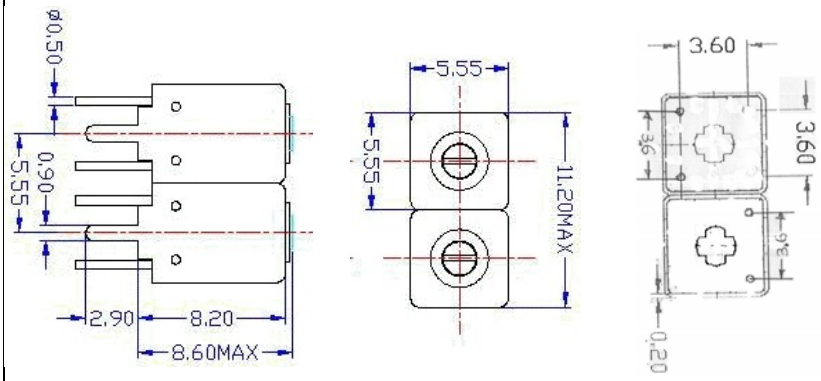
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDW2732B-1975M
Approval No. /dated	0602093APR	Acceptable Specify Fo Range	1951~2000M
Work Instruction No.	0602093DC	Date	May.08.2006

(1)Pin Position



(2)Size Diagram



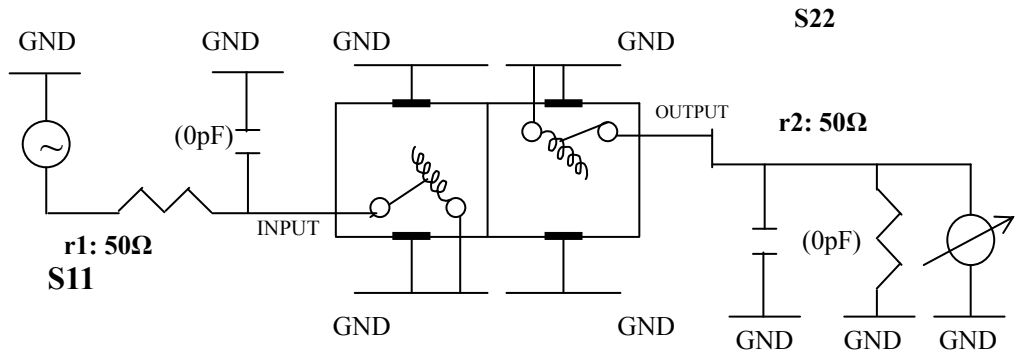
(3)Electric Character

Item		Specify		Performance	
Center Freq.(Fo) +/- 0.5 %		1975	MHz	1975	MHz
Tunable Range:		1975±5	MHz	1975±5	MHz
Insertion Loss		Typ. 4.0	dB	2.75	dB
-3 dB Bandwidth		Typ. 37	MHz	47.5	MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 21	dBc	24	dBc
	Fo + 100 MHz	Typ. 17	dBc	20	dBc
	Fo - ( )MHz	Typ.	dBc		dBc
	Fo +( )MHz	Typ.	dBc		dBc
Return Loss		Min. 12	dB	22.1	dB
Ripple		< 1	dB		dB
Impedance		In / Out : 50 Ω		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 50Ω/ by parallel with about (0) pF.



(Bottom View)

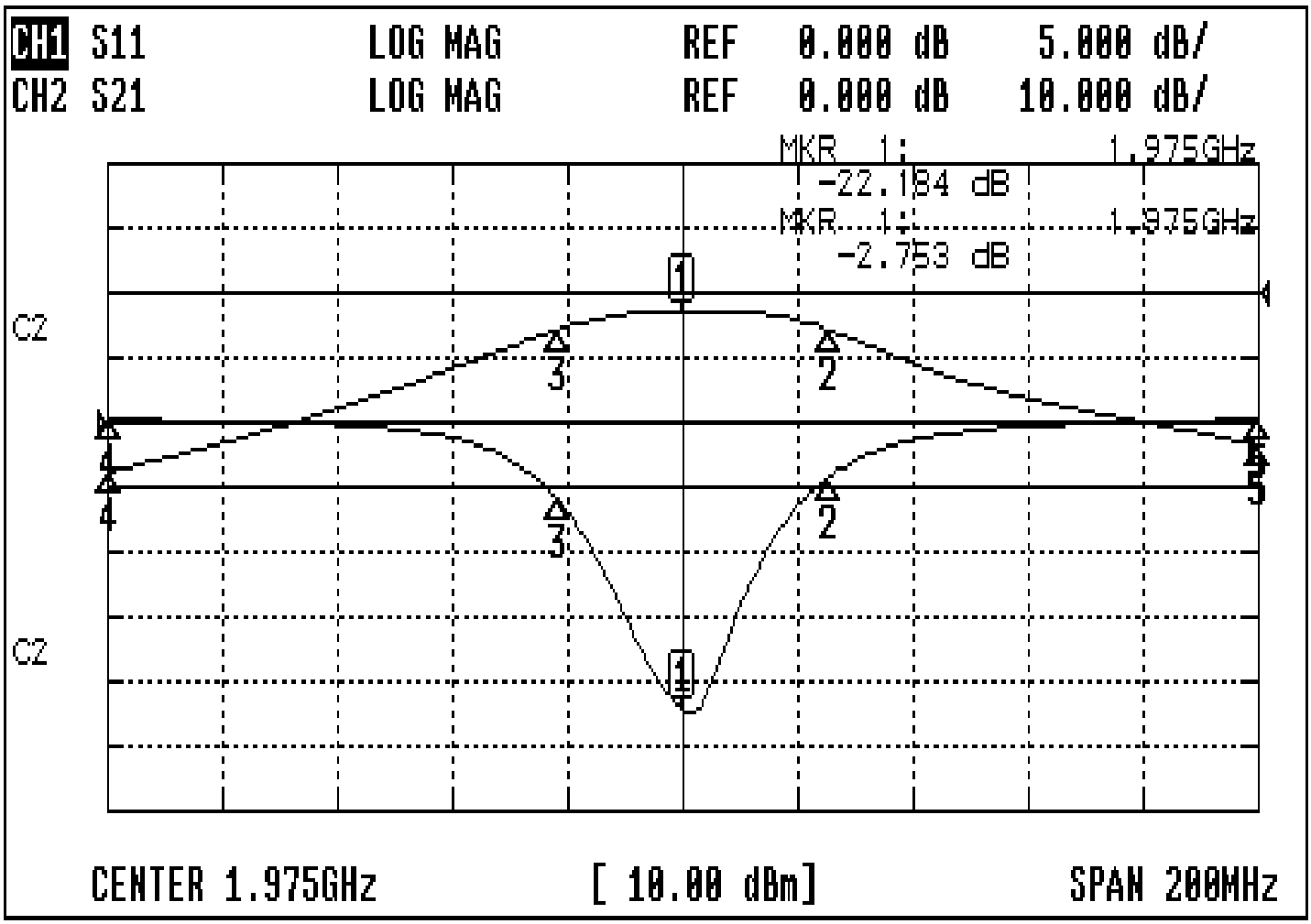
Approval	Supervisor	Designer	Aperture size
C.Y. Chang	C.S. Chang	C.S. Chang	5w2(3.8*4.0)(4.12) 5HW024RB3

TEMWELL CORPORATION

TEMWELL RP:C.S.Chang

Performance-TDW2732B-1975M

0602093DC



CH1 MARKER LIST

1:	1.975 000GHz	-22.165 dB
2:	2.000 500GHz	-4.141 dB
3:	1.953 000GHz	-5.759 dB
4:	1.875 000GHz	0.185 dB
5:	2.075 000GHz	0.175 dB
6:		
7:		
8:		
9:		
10:		

CH2 MARKER LIST

1:	1.975 000GHz	-2.753 dB
2:	2.000 500GHz	-5.767 dB
3:	1.953 000GHz	-5.761 dB
4:	1.875 000GHz	-27.667 dB
5:	2.075 000GHz	-23.392 dB
6:		
7:		
8:		
9:		
10:		