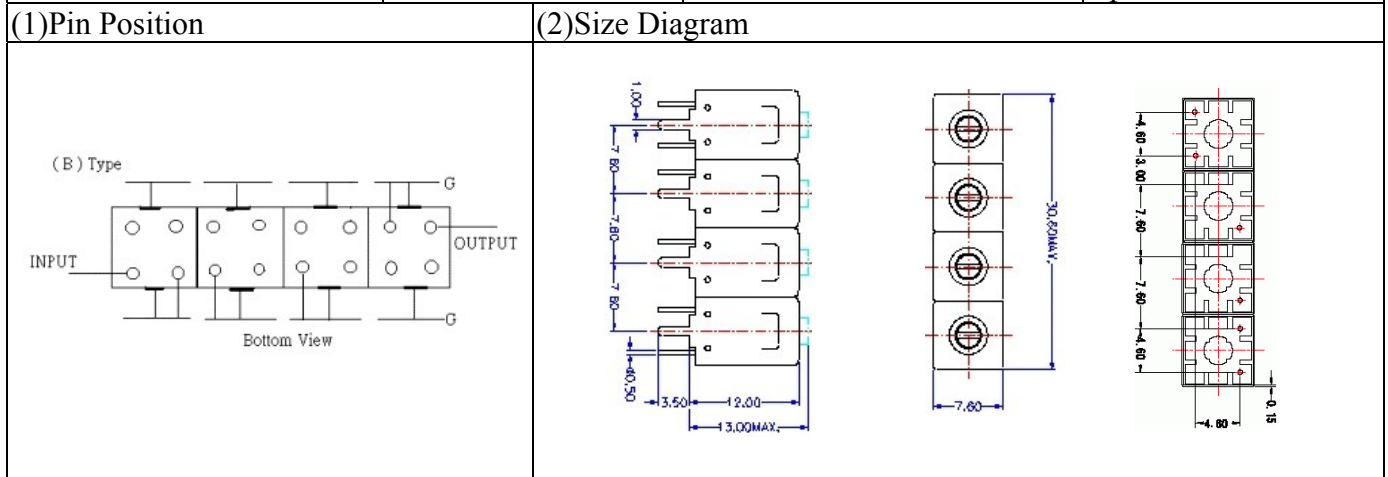


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TF69287B-80M
Approval No. /dated	0804048APR	Acceptable Specift Fo Range	76~85MHz
Work Instruction No.	0804048CD	Date	Apr.26.2008



(3) Electric Charasteric

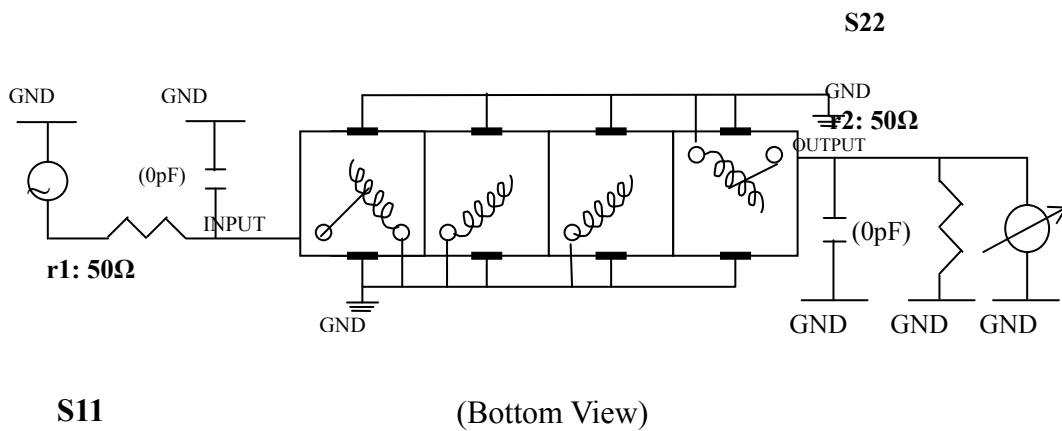
Item	Specify	Performance	
Center Freq.(Fo ) +/- 0.5 %	80 MHz	80 MHz	
Insertion Loss	Typ. 4.5 dB	3.61 dB	
-3 dB Bandwidth	Typ. 5 MHz	6.7 MHz	
Sensitivity (Attenuation )	Fo - 10 MHz	Typ. 46 dBc	49 dBc
	Fo + 10 MHz	Typ. 32 dBc	35 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	26.8 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

(7) Measuring Circuit: ※Easy to match Impedance S11/S22 50Ω/ by parallel with about(0pF) / (0 pF).

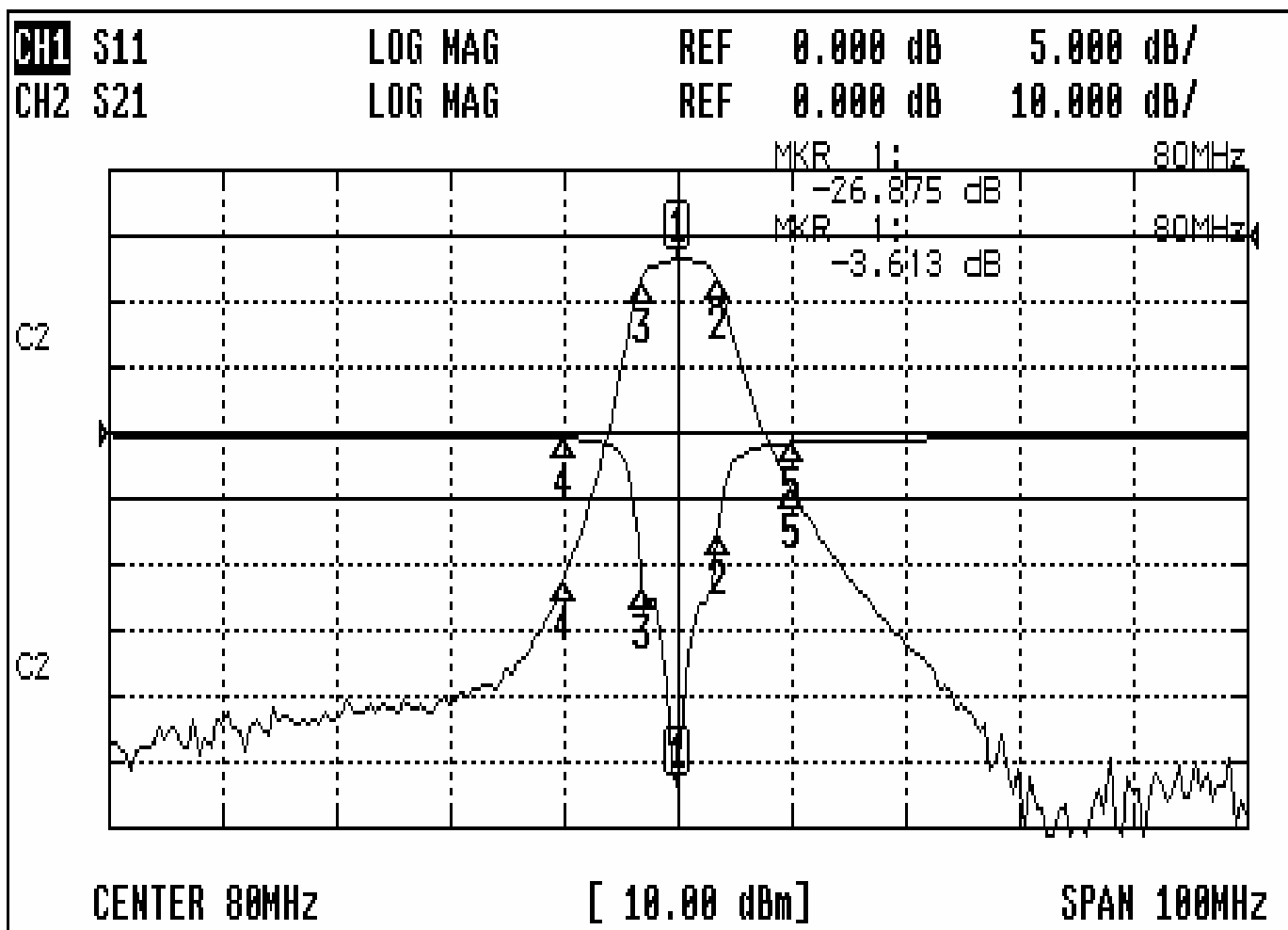


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	P.H.Chiang	7H4(4*8.0)F 7H00LB4

TEMWELL CORPORATION

# Performance-TF69287B-80M

## 0804048CD



### CH1 MARKER LIST

1	80.000MHz	-26.890	dB
2	83.500MHz	-7.628	dB
3	76.833MHz	-11.771	dB
4	70.000MHz	-0.364	dB
5	90.000MHz	-0.703	dB

### CH2 MARKER LIST

1	80.000MHz	-3.613	dB
2	83.500MHz	-6.705	dB
3	76.833MHz	-6.651	dB
4	70.000MHz	-5.446	dB
5	90.000MHz	-6.445	dB