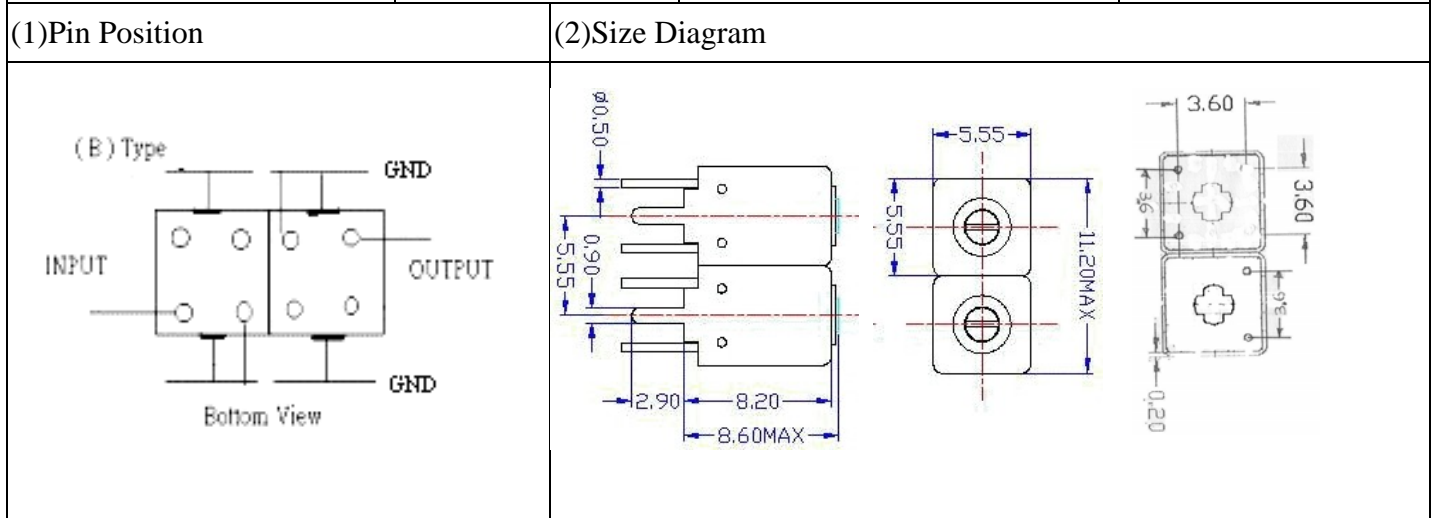


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDW2607B-2350M
Approval No. /dated	20406042DC	Acceptable Specify Fo. Range	2301~2350MHz
Work Instruction No.	20406042DC	Date	July.14.2004



(3) Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	2350 MHz	2350 MHz	
Tunable Range:	2350±5 MHz	2350±5 MHz	
Insertion Loss	Typ. 3.0 dB	1.95 dB	
-3 dB Bandwidth	Typ. 100 MHz	118.5 MHz	
Sensitivity (Attenuation)	Fo - 200 MHz	Typ. 20 dBc	23 dBc
	Fo + 200 MHz	Typ. 15 dBc	18 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	24 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°C ~ +60°C
Storage Temperature	-20°C ~ +70°C

(6) Input Power > 0.5Watt

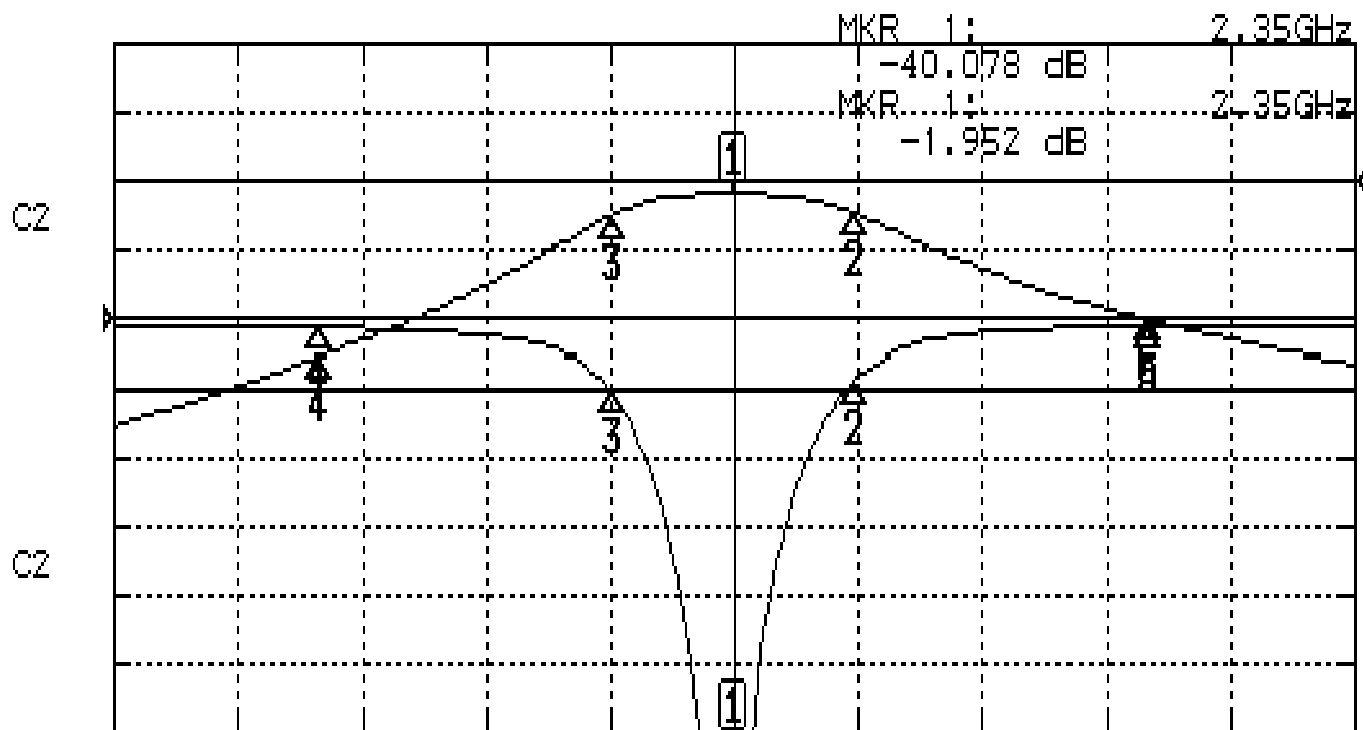
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	5W2S(3.8*4.5)(4.58) 5HW046RB3.2

TEMWELL CORPORATION

Performance-TDW2607B-2350M

20406042DC

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



CENTER 2.35GHz

[10.00 dBm]

SPAN 600MHz

CH1 MARKER LIST

1:	2.350	000GHz	-40.305	dB
2:	2.409	500GHz	-4.235	dB
3:	2.291	000GHz	-5.238	dB
4:	2.150	000GHz	-0.676	dB
5:	2.550	000GHz	-0.616	dB

CH2 MARKER LIST

1:	2.350	000GHz	-1.952	dB
2:	2.409	500GHz	-4.932	dB
3:	2.291	000GHz	-4.964	dB
4:	2.150	000GHz	-25.369	dB
5:	2.550	000GHz	-20.263	dB