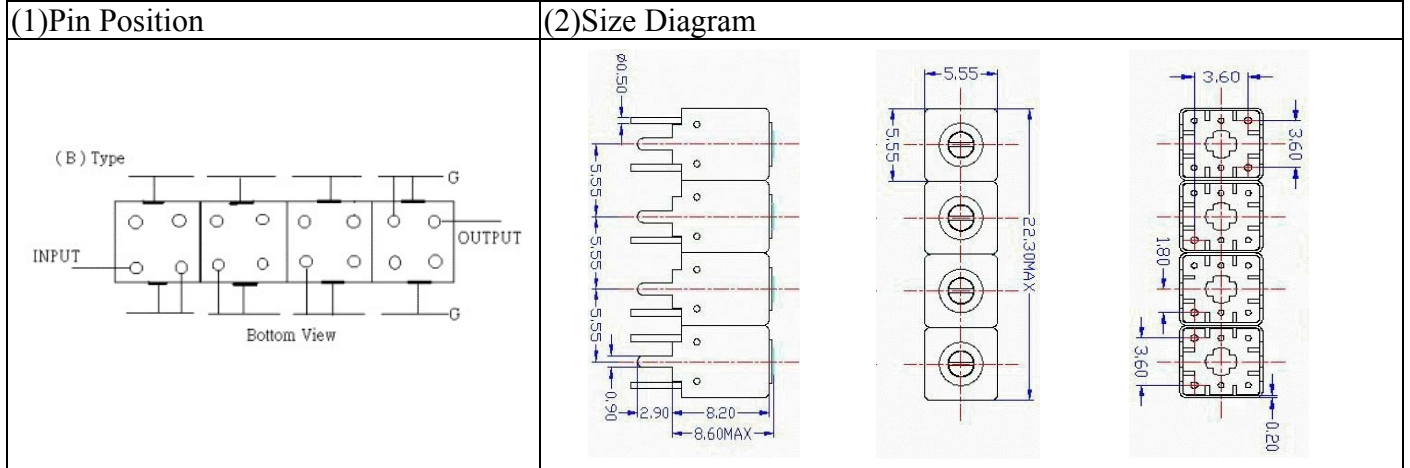


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW4580B-1350M
Approval No. /dated	0909108CD	Customer's Print Name	4580B 1350M
Work Instruction No.	200909108CD	Date	Nov.02.2009



(3) Electric Charasteric

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	1350 MHz	1350 MHz	
Insertion Loss	Typ. 4.0 dB	3.07 dB	
-3 dB Bandwidth	Typ. 50 MHz	57.0 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 55 dBc	62 dBc
	Fo + 100 MHz	Typ. 36 dBc	39 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	21.2 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

(4) Torque for Tuning Screw > 100gf • cm

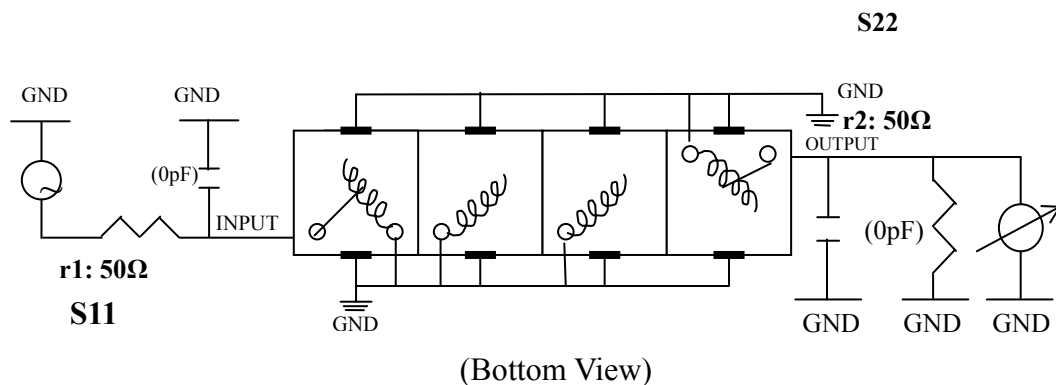
(5) Temperature Condition:

Operating Temperature 0°C ~ +60°C

Storage Temperature -20°C ~ +70°C

(6) Input Power > 0.5Watt

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

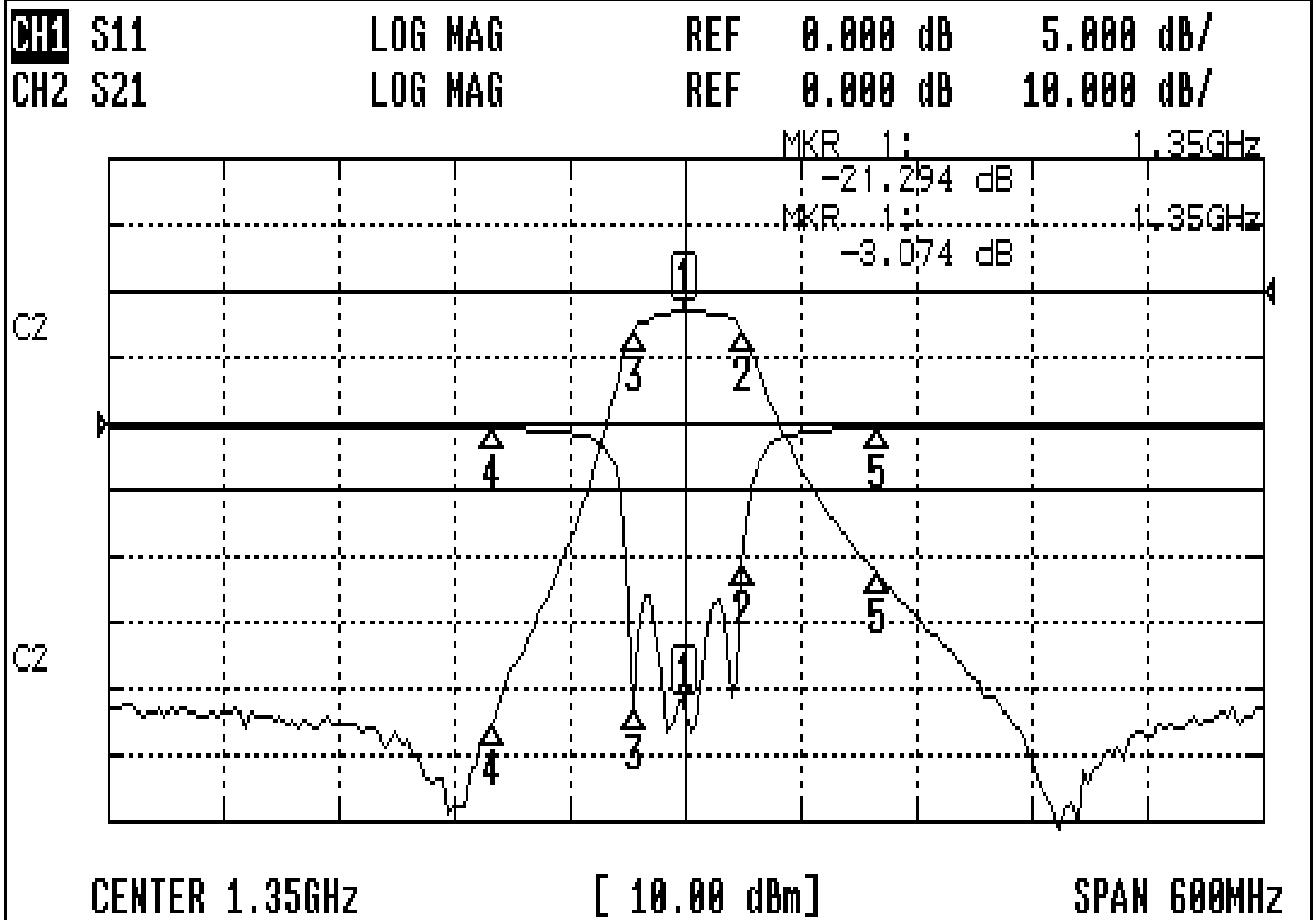


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	C.H.Yeh	5W4S(3.8*5.1)(5.17) 5HW046RB3.2

TEMWELL CORPORATION

Performance-TFW4580B-1350M

200909108CD



CH1 MARKER LIST

Marker	Freq (GHz)	Magnitude (dB)
1	1.350	-21.294
2	1.380	-10.528
3	1.323	-21.415
4	1.250	-0.351
5	1.450	-0.327

CH2 MARKER LIST

Marker	Freq (GHz)	Magnitude (dB)
1	1.350	-3.074
2	1.380	-15.910
3	1.323	-15.936
4	1.250	-65.102
5	1.450	-42.735

