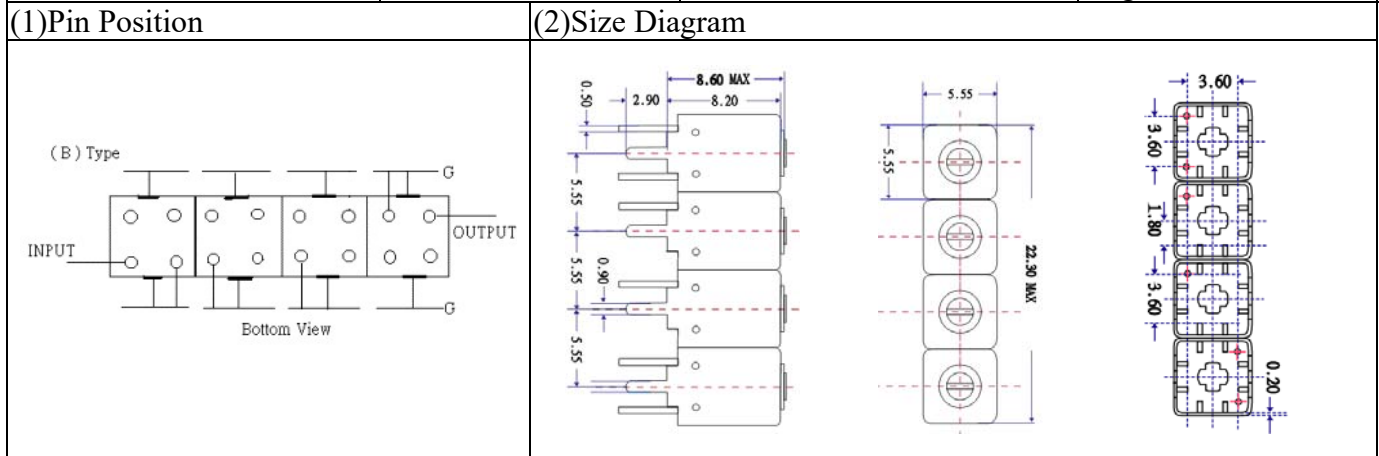


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW4607B-2350M
Approval No. /dated		Temwell's Print name	4607B 2350M
Work Instruction No.	202007052CD	Date	Aug.06.2020



(3) Electric Characteristic

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	2350 MHz	2350 MHz
Insertion Loss	Typ. 4.5 dB	3.20 dB
-3 dB Bandwidth	Typ. 88 MHz	100.1 MHz
Sensitivity (Attenuation)	Fo - 200 MHz	Typ. 58 dBc
	Fo + 200 MHz	Typ. 36 dBc
	Fo - ()MHz	Typ. dBc
	Fo +()MHz	Typ. dBc
Return Loss	Min. 12 dB	23.6 dB
Ripple	< 1 dB	dB
Impedance	In / Out : 50 Ω	In / Out : 50 Ω

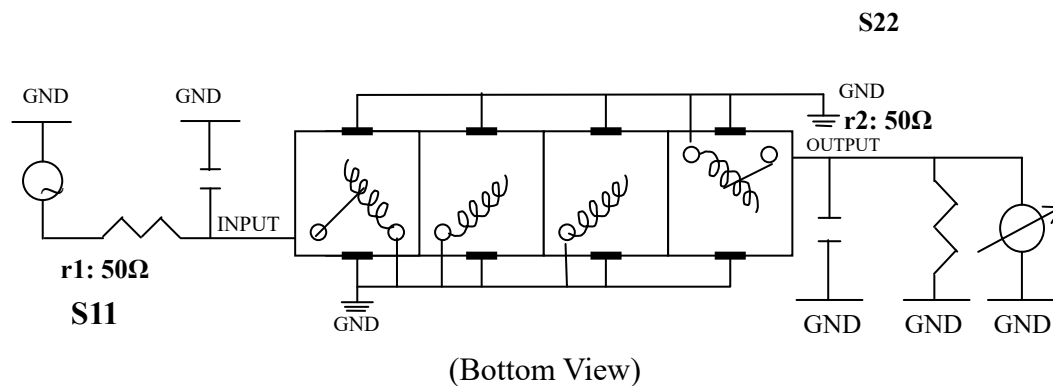
(4) Torque for Tuning Screw > 60gf · cm

(5) Temperature Condition:

Operating Temperature	0°C ~ +60°C
Storage Temperature	-20°C ~ +70°C

(6) Input Power > 0.5Watt

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

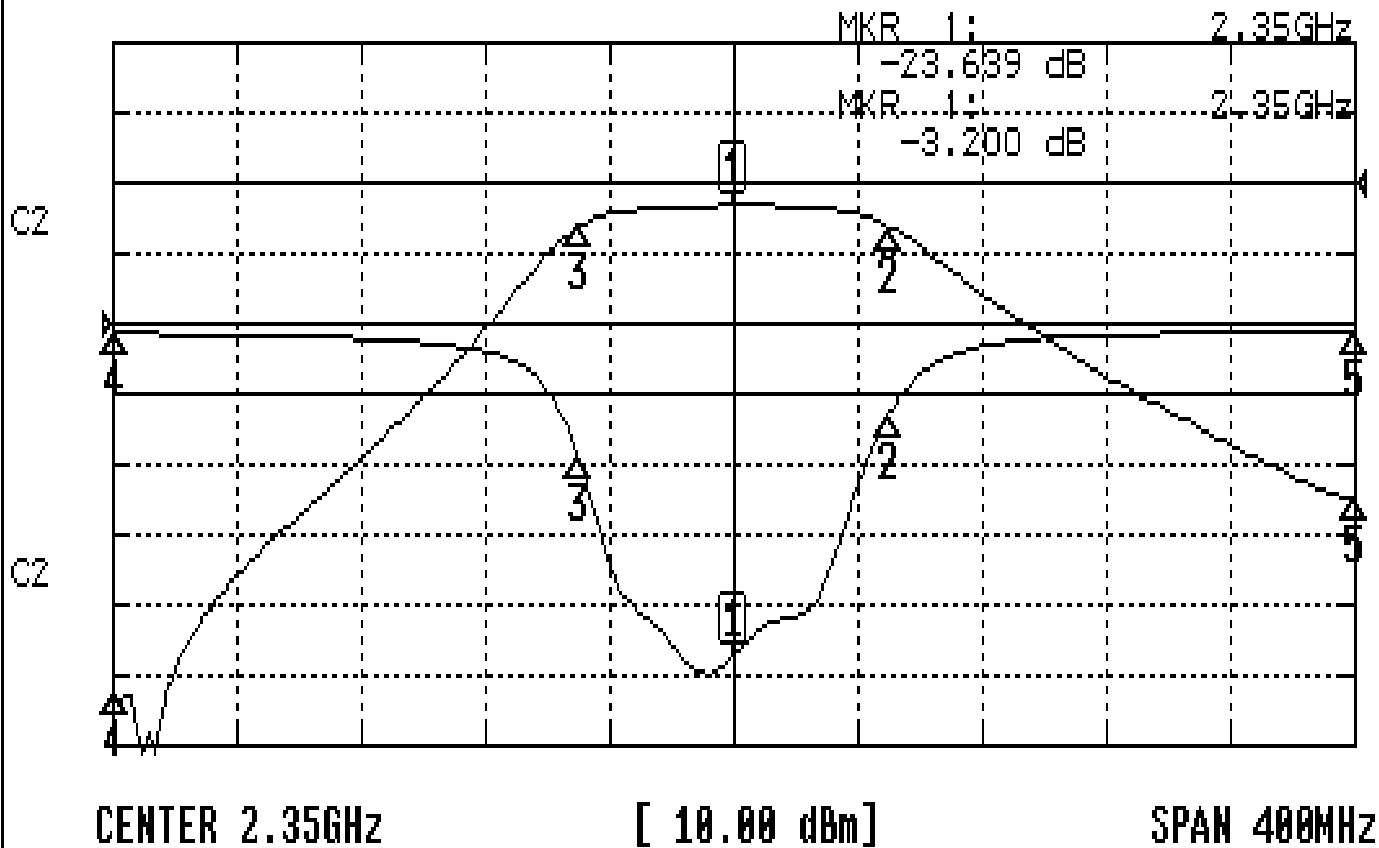


Approval	Supervisor	Designer	Aperture size
C.C.Chang	C.K.Chang	Z.Y.Wang	5W4S(3.8*5.1)(5.13) 5HW046RB3.2 (J1)
TEMWELL CORPORATION			

Performance-TFW4607B-2350M

202007052CD

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



CH1 MARKER LIST

1:	2.350	000GHz	-23.639	dB
2:	2.400	050GHz	-6.504	dB
3:	2.299	860GHz	-9.187	dB
4:	2.150	000GHz	-0.691	dB
5:	2.550	000GHz	-0.677	dB

CH2 MARKER LIST

1:	2.350	000GHz	-3.200	dB
2:	2.400	050GHz	-6.214	dB
3:	2.299	860GHz	-6.204	dB
4:	2.150	000GHz	-72.124	dB
5:	2.550	000GHz	-44.914	dB