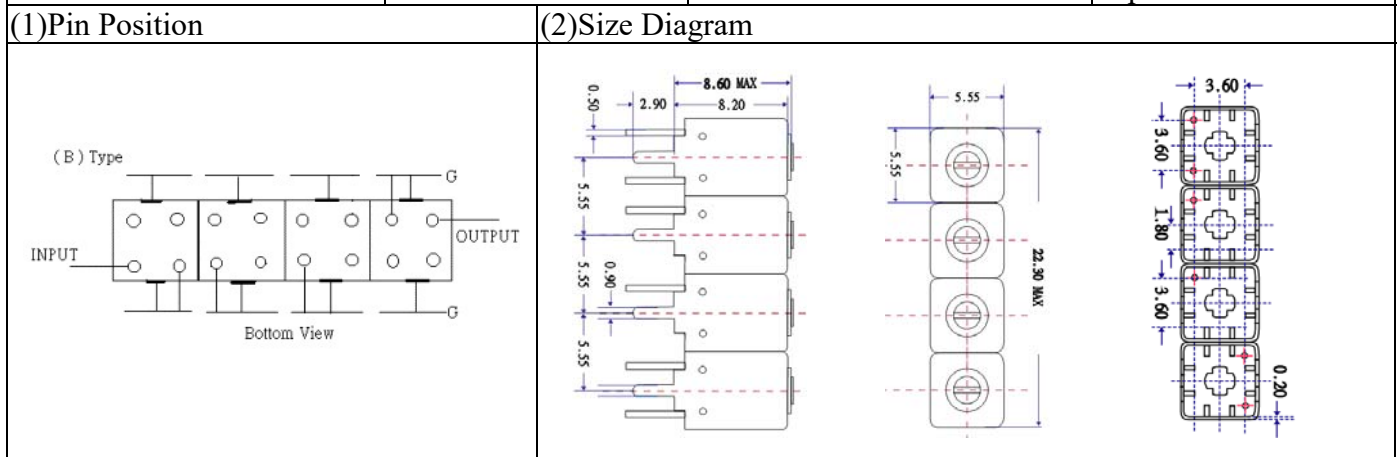


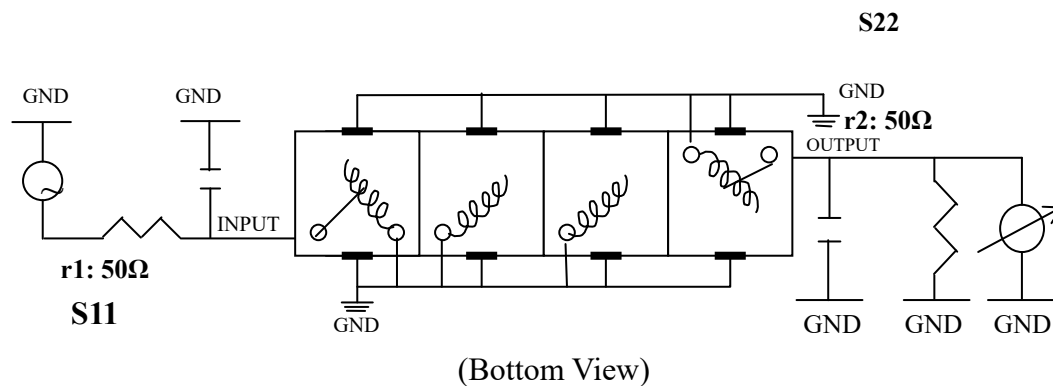
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW41124B-2535M
Approval No. /dated	201905093CD	Temwell's Print name	41124B 2535M
Work Instruction No.	201905093CD	Date	Sep.12.2019



(3)Electric Charasteric			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		2535 MHz	2535 MHz
Insertion Loss		Typ. 5.0 dB	4.04 dB
-3 dB Bandwidth		Typ. 66 MHz	72.5 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 32 dBc	36 dBc
	Fo + 100 MHz	Typ. 24 dBc	27 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	22.0 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.Y.Chang	C.K.Chang	C.H.Yeh	5W4S(3.8*4.0)(4.07) 5HW046RB3.2 (J1)

TEMWELL CORPORATION

TEMWELL

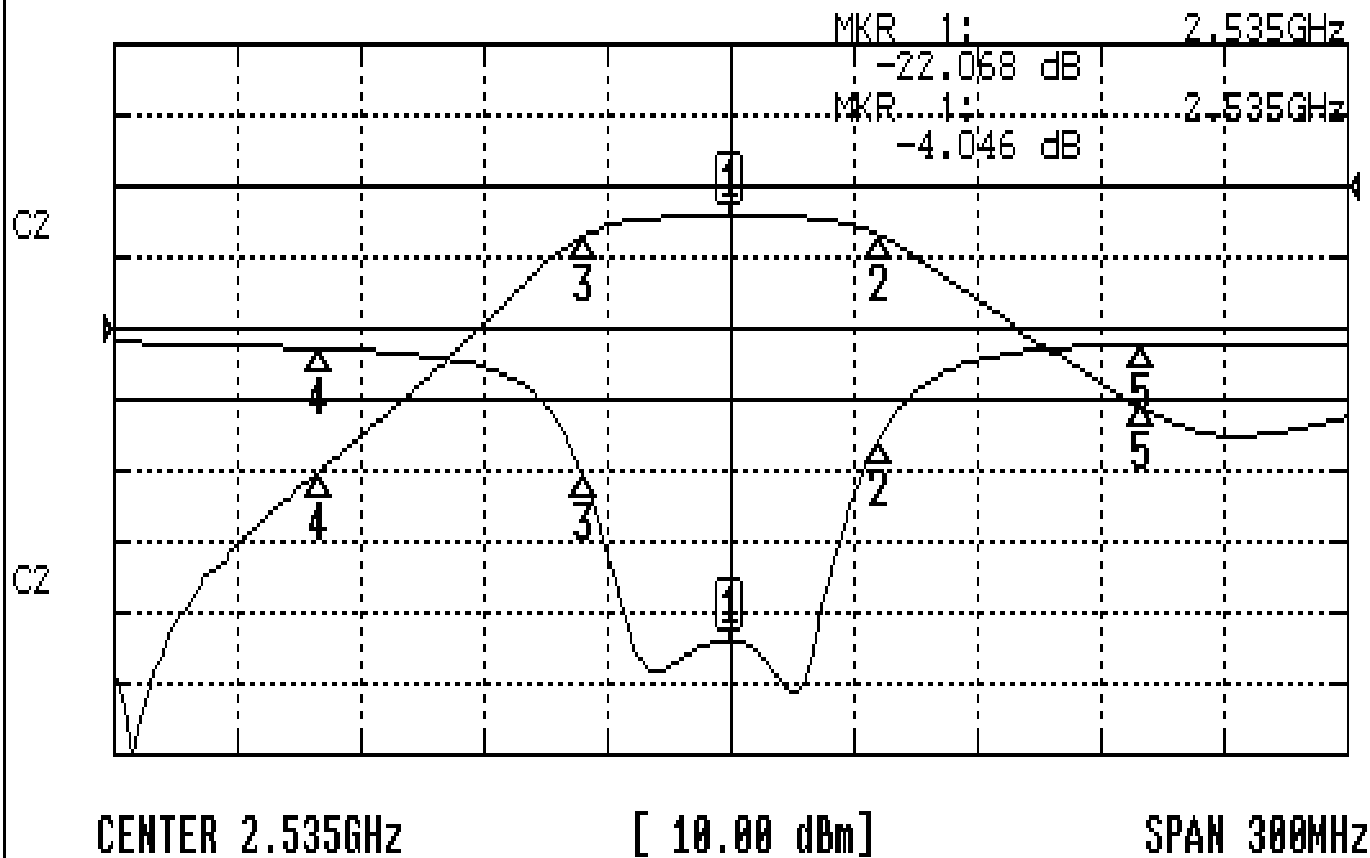
Form10-5H4B Vision D

RP (C.H.Y)

Performance-TFW41124B-2535M

201905093CD

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

Marker	Freq (GHz)	Magnitude (dB)
1	2.535000	-22.053
2	2.571500	-7.710
3	2.499000	-10.146
4	2.435000	-1.420
5	2.635000	-1.178

CH2 MARKER LIST

Marker	Freq (GHz)	Magnitude (dB)
1	2.535000	-4.046
2	2.571500	-7.013
3	2.499000	-7.014
4	2.435000	-40.184
5	2.635000	-31.127