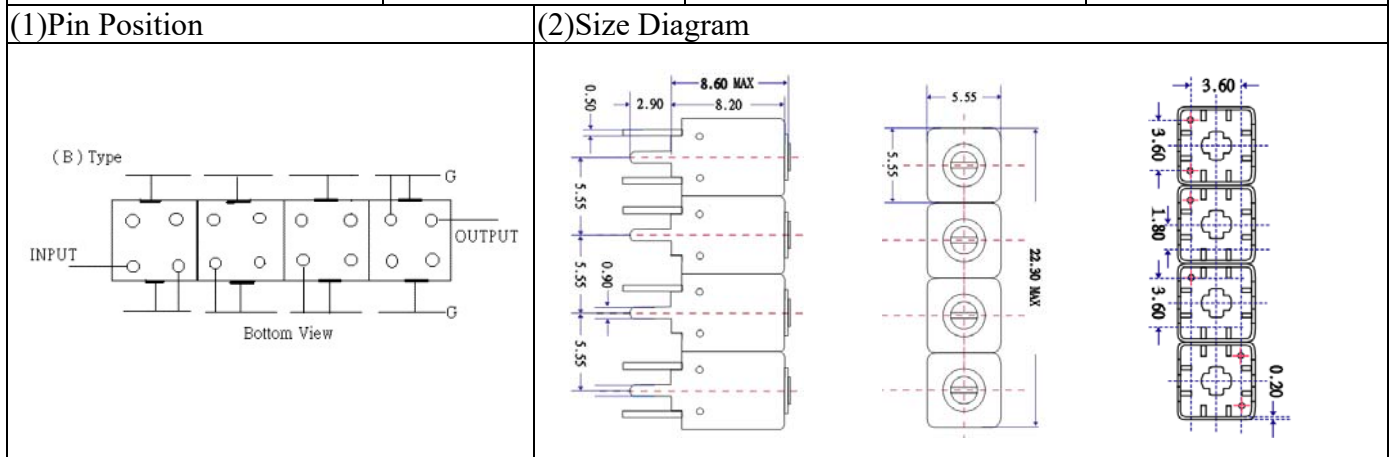


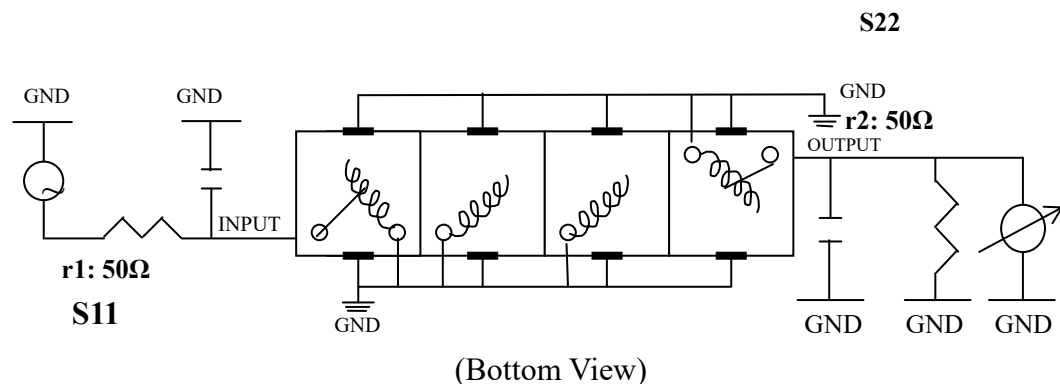
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW41104B-1842.5M
Approval No. /dated	201905073CD	Temwell's Print name	41104B 1842.5M
Work Instruction No.	201905073CD	Date	Jun.18.2019



(3)Electric Charasteric			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	1842.5 MHz	1842.5 MHz	
Insertion Loss	Typ. 4.5 dB	3.39 dB	
-3 dB Bandwidth	Typ. 75 MHz	80.8 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 36 dBc	42 dBc
	Fo + 100 MHz	Typ. 25 dBc	30 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	> 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.S.Chang	5W4S(3.8*4.0) 5HW046RB3.2 (J1)

TEMWELL CORPORATION

Performance-TFW41104B-1842.5M

201905073CD

Tr1 S11 Log Mag 5.000dB/ Ref 0.000dB [F2]
Tr2 S21 Log Mag 10.00dB/ Ref 0.000dB [F2]

