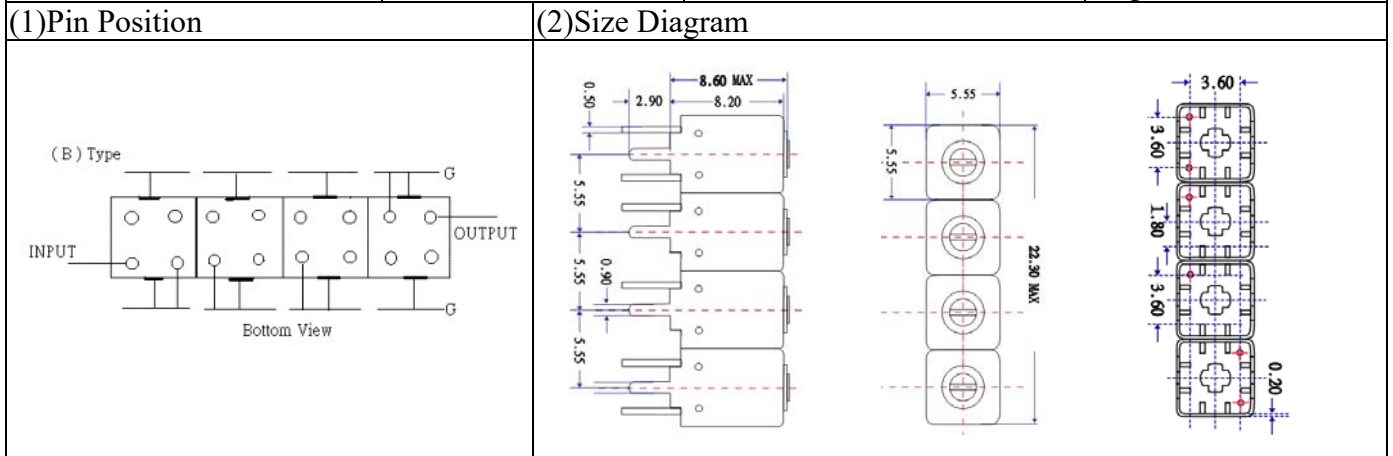


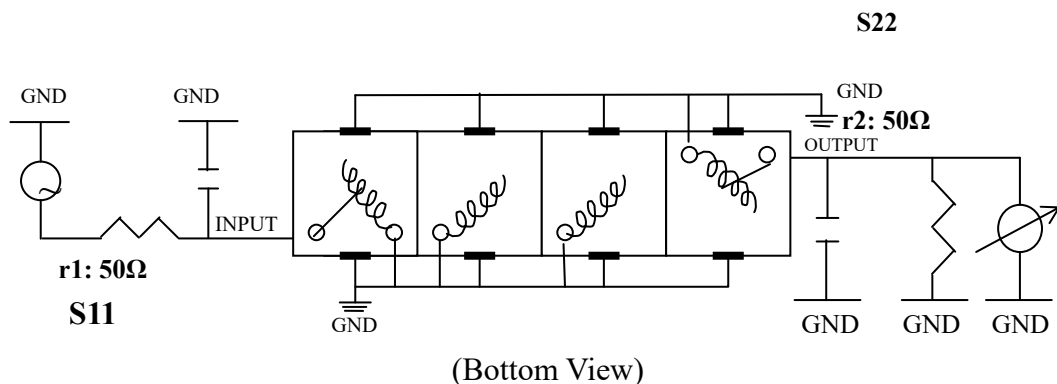
# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW41103B-1767.4M
Approval No. /dated	201905072CD	Temwell's Print name	41103B 1767.4M
Work Instruction No.	201905072CD	Date	Aug.22.2019



(3)Electric Charasteric			
Item	Specify	Performance	
Center Freq.(Fo ) +/- 0.5 %	1767.4 MHz	1767.4 MHz	
Insertion Loss	Typ. 7.5 dB	6.40 dB	
-3 dB Bandwidth	Typ. 35 MHz	37.4 MHz	
Sensitivity (Attenuation )	Fo - 100 MHz	Typ. 56 dBc	61 dBc
	Fo + 100 MHz	Typ. 38 dBc	43 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	13.6 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.Y.Chang	C.K.Chang	P.H.Chiang	5W4S(3.8*3.5)(3.55) 5HW024RB3(J1) 5HW046RB3.2
TEMWELL CORPORATION			

# Performance-TFW41103B-1767.4M

## 201905072CD

