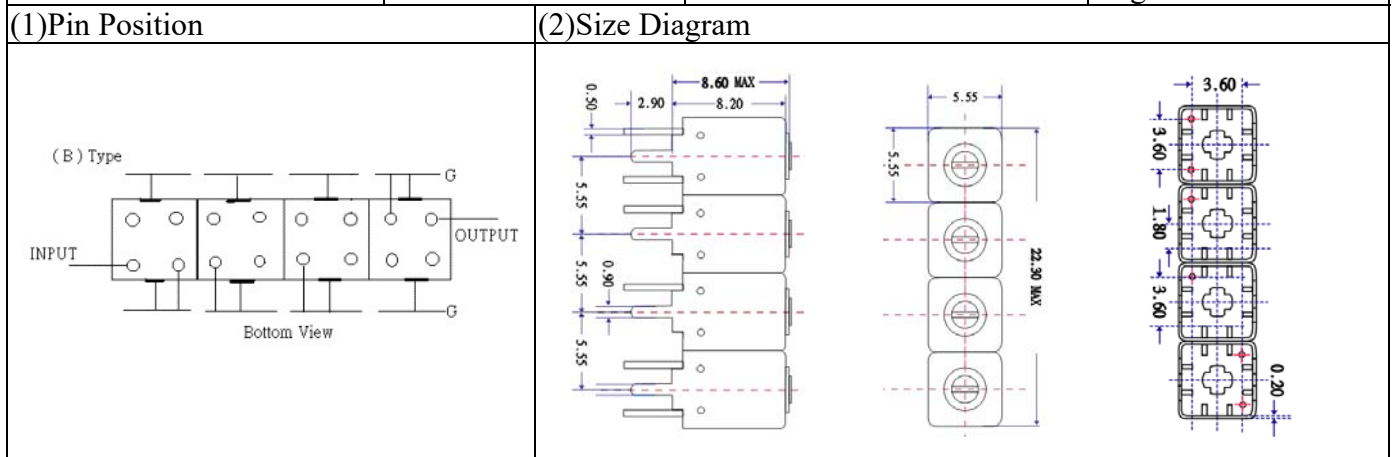


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW41109B-1900M
Approval No. /dated	201905078CD	Temwell's Print name	41109B 1900M
Work Instruction No.	201905078CD	Date	Aug.22.2019



### (3)Electric Charasteric

Item	Specify	Performance	
Center Freq.(Fo ) +/- 0.5 %	1900 MHz	1900 MHz	
Insertion Loss	Typ. 6.5 dB	5.66 dB	
-3 dB Bandwidth	Typ. 40 MHz	43.0 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 66 dBc	71 dBc
	Fo + 100 MHz	Typ. 41 dBc	46 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	14.5 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	
(4)Torque for Tuning Screw	> 60gf • cm		

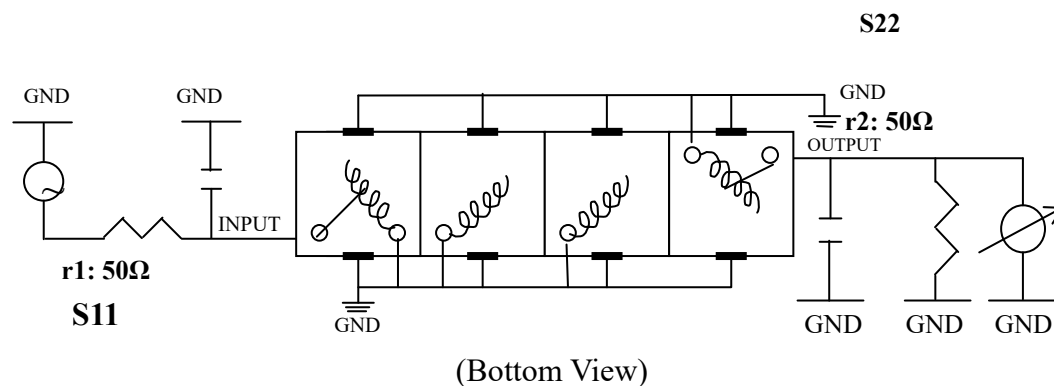
### (5)Temperature Condition:

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

### (6)Input Power

> 0.5Watt
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### (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*4.0)(4.05) 5HW024RB3(J1) 5HW046RB3.2

TEMWELL CORPORATION

# Performance-TFW41109B-1900M

## 201905078CD

