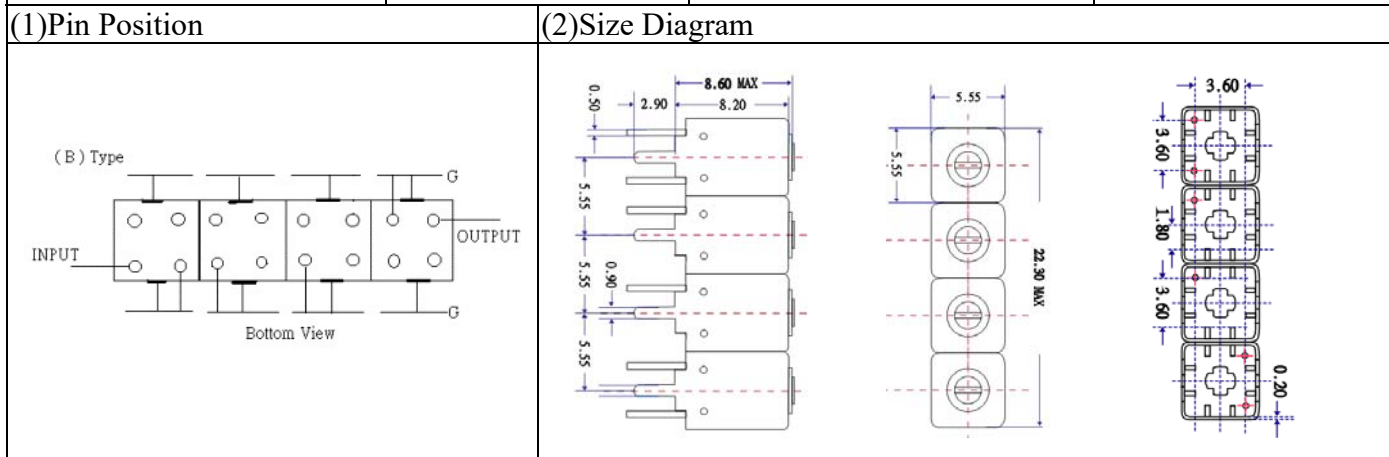


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW41052B-915M
Approval No. /dated	201802059CD	Temwell's Print name	41052B 915M
Work Instruction No.	201802059CD	Date	Mar.26.2018



(3) Electric Characteristic

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	915 MHz	915 MHz	
Insertion Loss	Typ. 8.0 dB	6.84 dB	
-3 dB Bandwidth	Typ. 5 MHz	16.8 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 58 dBc	63 dBc
	Fo + 50 MHz	Typ. 52 dBc	57 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	22.6 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

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

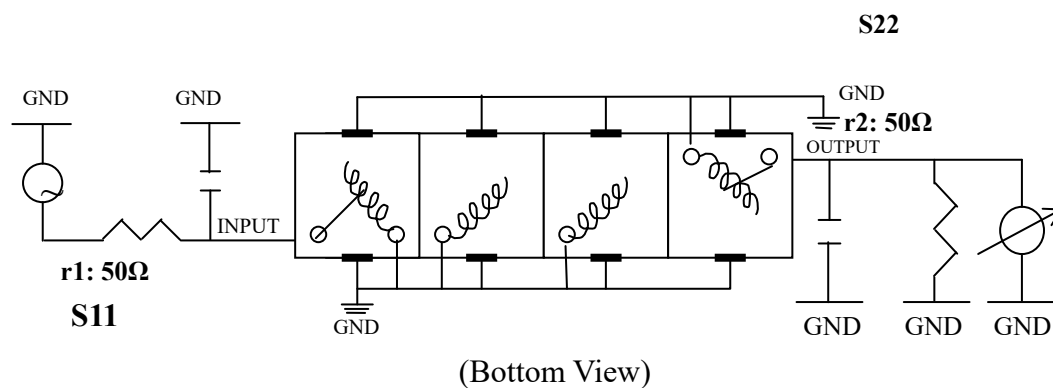
(5) Temperature Condition:

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	C.S.Chang	5W4S(3.8*4.0)(4.02) 5HW024RB3

TEMWELL CORPORATION

Performance-TFW41052B-915M

201802059CD

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

