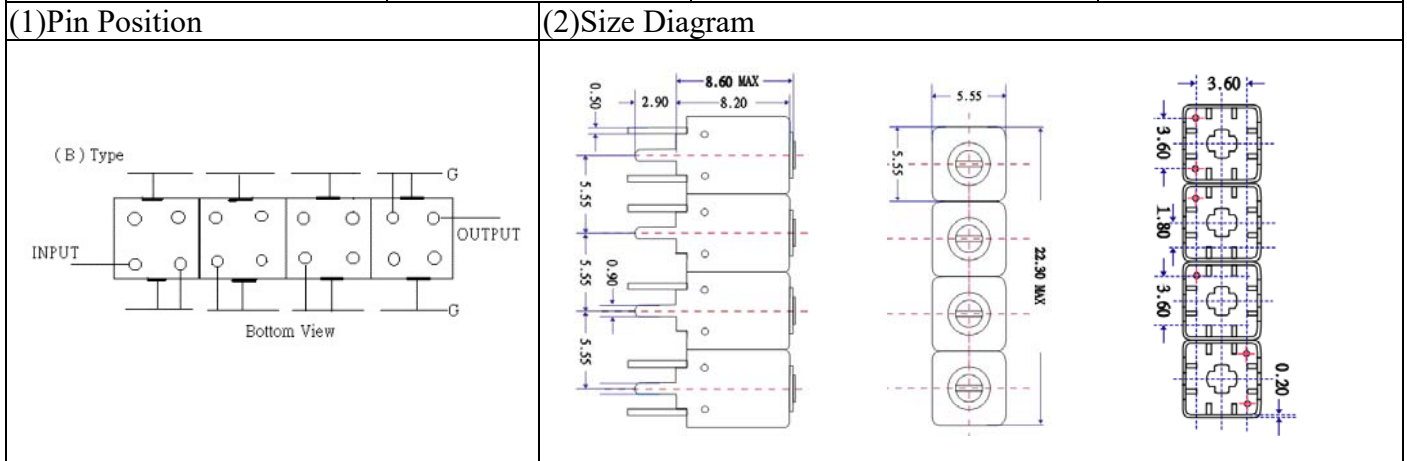


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW41051B-868M
Approval No. /dated	201802058CD	Temwell's Print name	41051B 868M
Work Instruction No.	201802058CD	Date	Mar.19.2018



(3) Electric Characteristic

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	868 MHz	868 MHz
Insertion Loss	Typ. 9.5 dB	8.48 dB
-3 dB Bandwidth	Typ. 2 MHz	12.8 MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 62 dBc
	Fo + 50 MHz	Typ. 55 dBc
	Fo - ()MHz	Typ. dBc
	Fo +()MHz	Typ. dBc
Return Loss	Min. 12 dB	23.1 dB
Ripple	< 1 dB	dB
Impedance	In / Out : 50 Ω	In / Out : 50 Ω

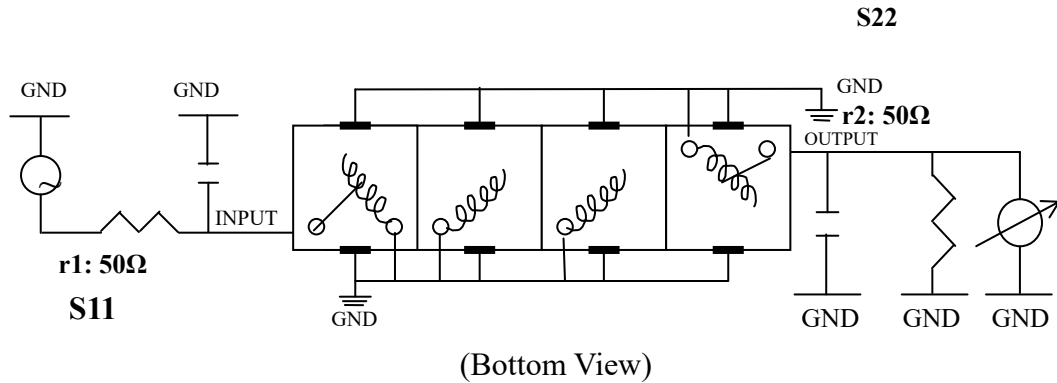
(4) Torque for Tuning Screw > 60gf · cm

(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 C.Y.Chang	Supervisor C.K.Chang	Designer C.S.Chang	Aperture size 5W4S(3.8*3.5)(3.52) 5HW024RB3
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TEMWELL CORPORATION

Performance-TFW41051B-868M

201802058CD

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

