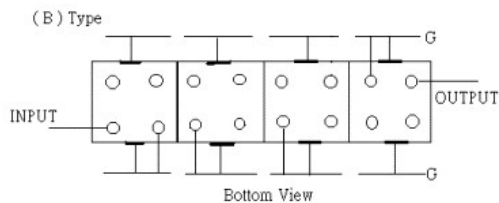


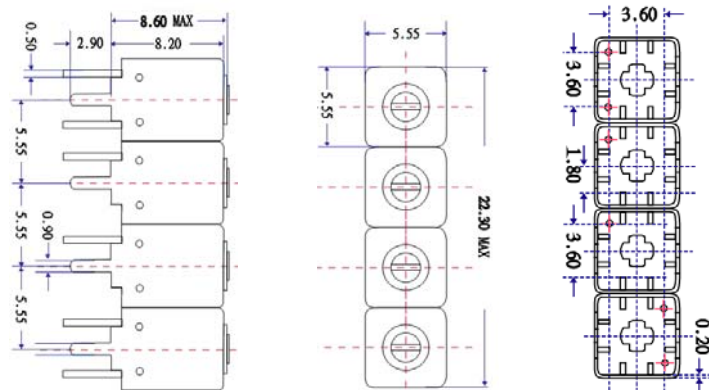
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW4571B1-997M
Approval No. /dated	201803067CD	Temwell's Print name	4571B1 997M
Work Instruction No.	201803067CD	Date	Apr.12.2018

(1) Pin Position



(2) Size Diagram



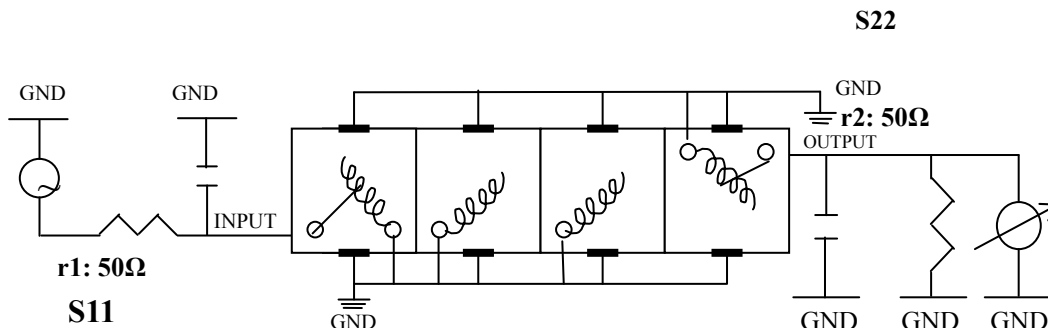
(3) Electric Characteristic

Item	Specify	Performance
Center Freq.(F _o) +/- 0.5 %	997 MHz	997 MHz
Insertion Loss	Typ. 5.0 dB	4.34 dB
-3 dB Bandwidth	Typ. 20 MHz	31.8 MHz
Sensitivity (Attenuation)	F _o - 100 MHz	Typ. 63 dBc
	F _o + 100 MHz	Typ. 54 dBc
	F _o - ()MHz	Typ. dBc
	F _o +()MHz	Typ. dBc
Return Loss	Min. 12 dB	27.1 dB
Ripple	< 1 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(- -).



(Bottom View)

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-TFW4571B1-997M

201803067CD

