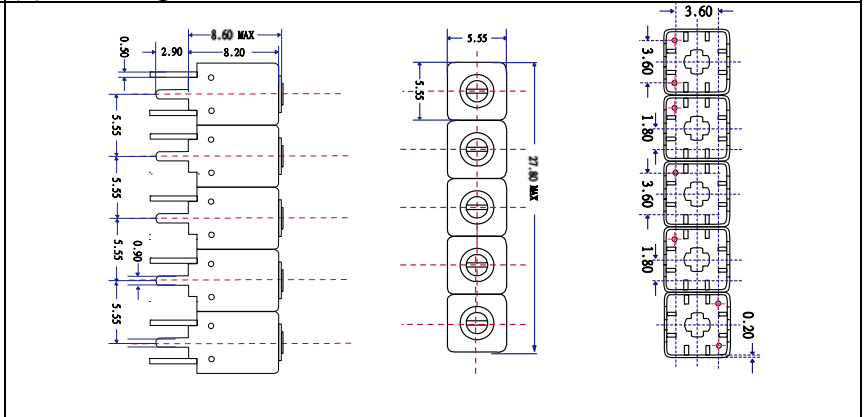
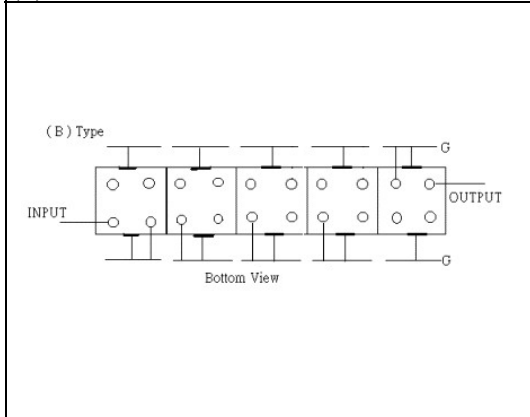


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TVW5417B-2155M
Approval No. /dated		Temwell,s print Name	5417B 2155M
Work Instruction No.	201911078CD	Date	Dec.12.2019

## (1) Pin Position

## (2) Size Diagram



## (3) Electric Characteristic

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	2155 MHz	2155 MHz	
Insertion Loss	Typ. 4.0 dB	3.33 dB	
-3 dB Bandwidth	Typ. 90 MHz	98.7 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 32 dBc	42 dBc
	Fo + 100 MHz	Typ. 21 dBc	31 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	18.5 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

## (4) Torque for Tuning Screw

> 60gf · cm

## (5) Temperature Condition:

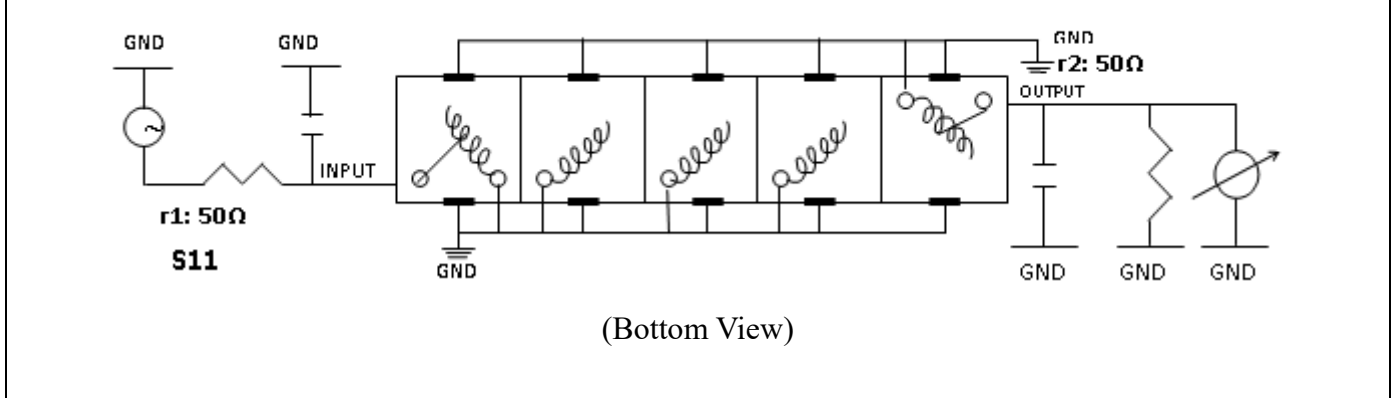
Operating Temperature 0°C ~ +60°C

Storage Temperature -20°C ~ +70°C

## (6) Input Power

> 0.5Watt

## (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	5HW046RB3.2 5W5S-3.8*4.0(4.06)-J1

TEMWELL CORPORATION

# Performance-TVW5417B-2155M

## 201911078CD

