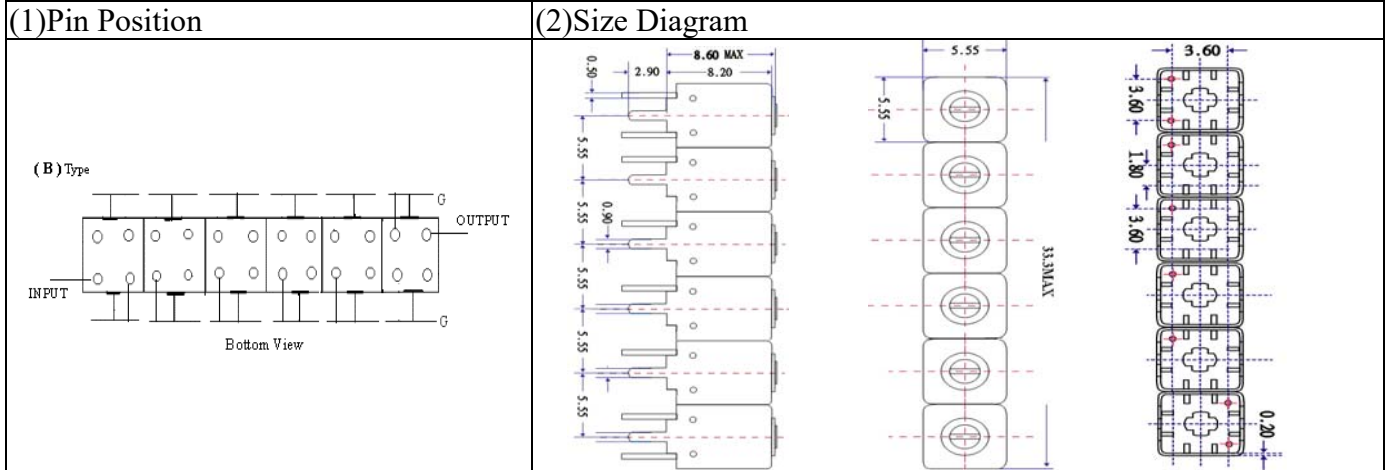


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TSW6407B-2140M
Approval No. /dated		Temwell's Print name.	6407B 2140M
Work Instruction No.	201911100CD	Date	May.25.2020



(3) Electric Characteristic

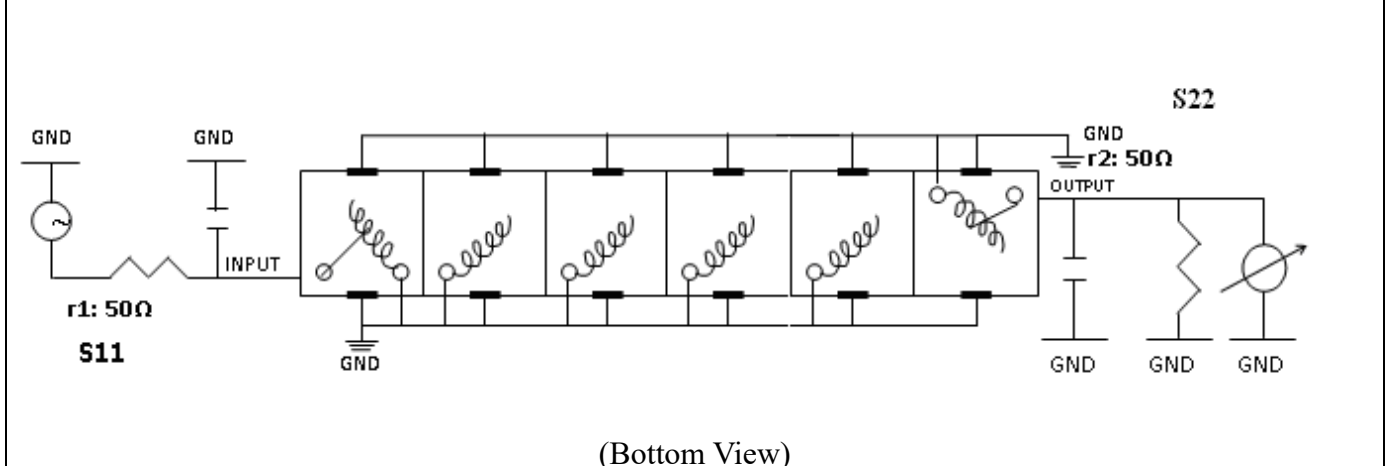
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	2140 MHz	2140 MHz	
Insertion Loss	Typ. 6.0 dB	5.07 dB	
-3 dB Bandwidth	Typ. 60 MHz	67.9 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 50 dBc	62 dBc
	Fo +100 MHz	Typ. 43 dBc	49 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	27.3 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.C.Chang	C.K.Chang	M.Y.Kang	5W6S(3.8*4.5)(4.54) 5HW046RB3.2 (J1)

TEMWELL CORPORATION

Performance-TSW6407B-2140M

201911100CD

