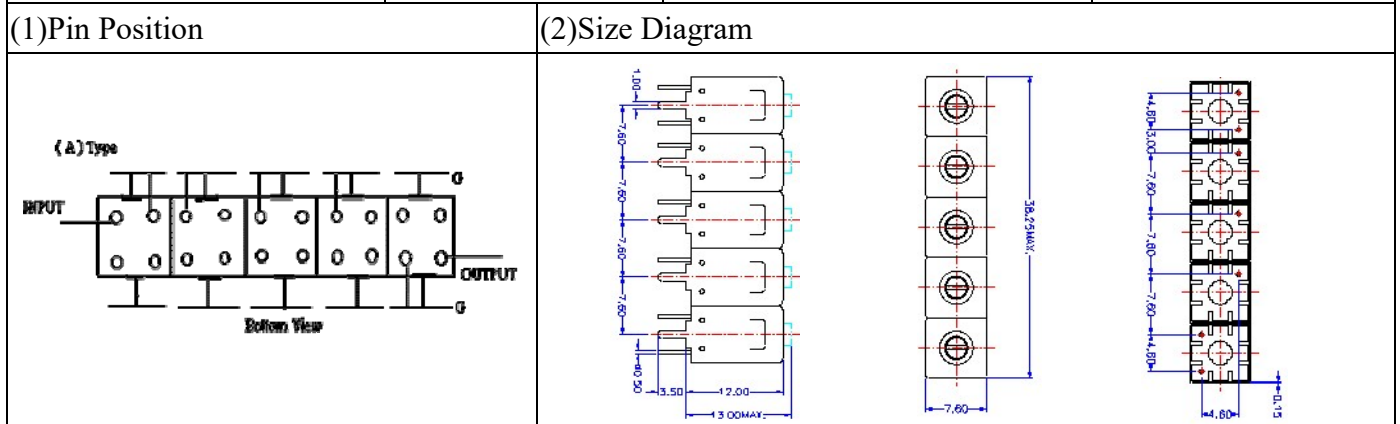


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TV6559A-897.5M
Approval No. /dated	201912013CD	Temwell's Print name.	6559A 897.5M
Work Instruction No.	201912013CD	Date	Dec.19.2019



(3) Electric Character			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	897.5 MHz	897.5 MHz	
Insertion Loss	Typ. 4.0 dB	3.18 dB	
-3 dB Bandwidth	Typ 35 MHz	38.6 MHz	
Sensitivity (Attenuation)	Fo- 100 MHz	Typ. 61 dBc	68 dBc
	Fo+ 100 MHz	Typ. 52 dBc	62 dBc
	Fo- MHz	Typ. dBc	dBc
	Fo+ MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	16.2 dB	
Ripple	< 1 dB	1 dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

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

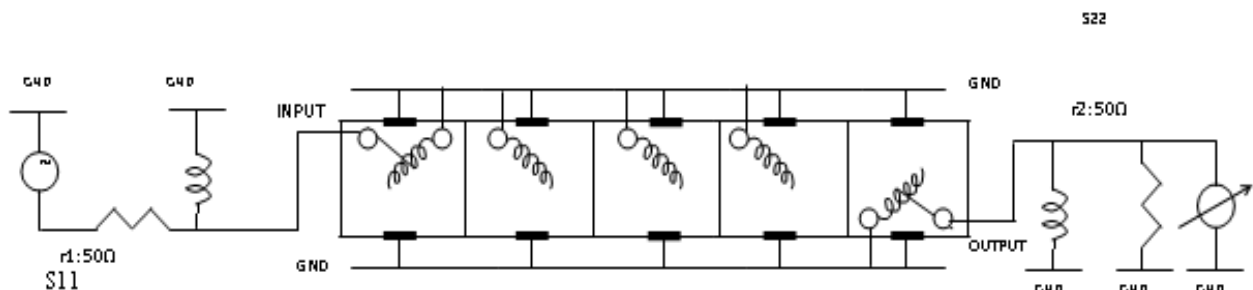
(5) Temperature Condition:

Operating Temperature 0°C ~ +60°C

Storage Temperature -20°C ~ +70°C

(6) Input Power > 1 Watt

(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	P.H.Chiang	7H5S(4*4.65)(4.68) 7H046LB5
TEMWELL		CORPORATION	

Performance- TV6559A-897.5M

201912013CD

