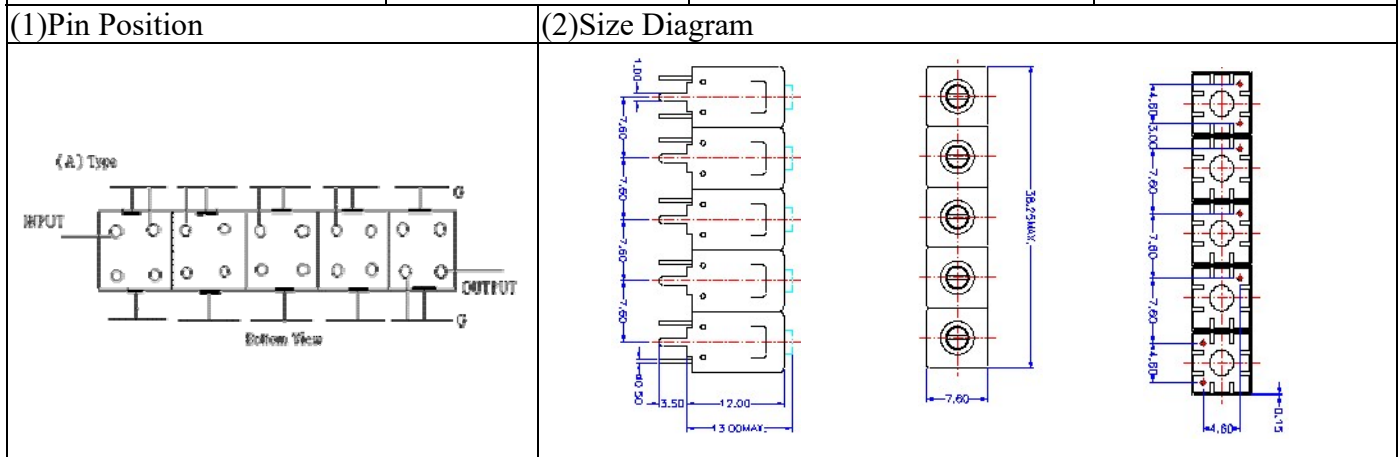


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TV70518A-900M
Approval No. /dated	202002019CD	Temwell's Print Name.	70518A 900M
Work Instruction No.	202002019CD	Date	Feb.26.2020



(3)Electric Characteristic

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	900 MHz	900 MHz	
Insertion Loss	Typ. 3.0 dB	1.65 dB	
-3 dB Bandwidth	Typ. 85 MHz	89.5 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 55 dBc	61 dBc
	Fo + 100 MHz	Typ. 30 dBc	35 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	17.0 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

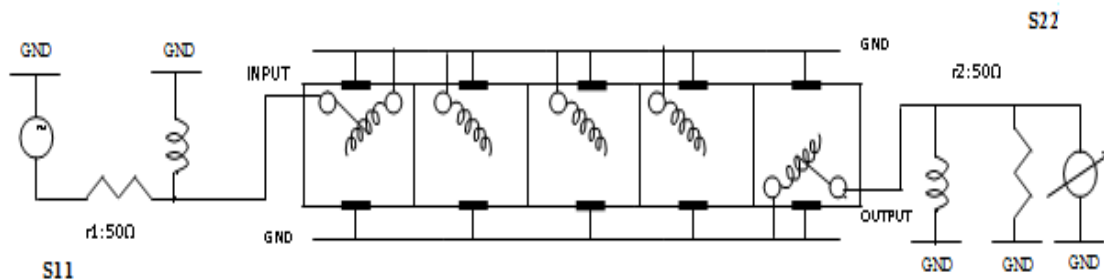
(4)Torque for Tuning Screw > 60gf · cm

(5)Temperature Condition:

Operating Temperature	0°C ~ +60°C
Storage Temperature	-20°C ~ +70°C

(6)Input Power > 1Watt

(7)Measuring Circuit: ※Easy to match Impedance S11/S22 50Ω by parallel with about(- -).



(Bottom View)

Approval C.C.Chang	Supervisor C.K.Chang	Designer C.S.Chang	Aperture size 7H5S(4*7.5)(7.55) 7H046LB5.5
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TEMWELL CORPORATION

Performance- TV70518A-900M

202002019CD

