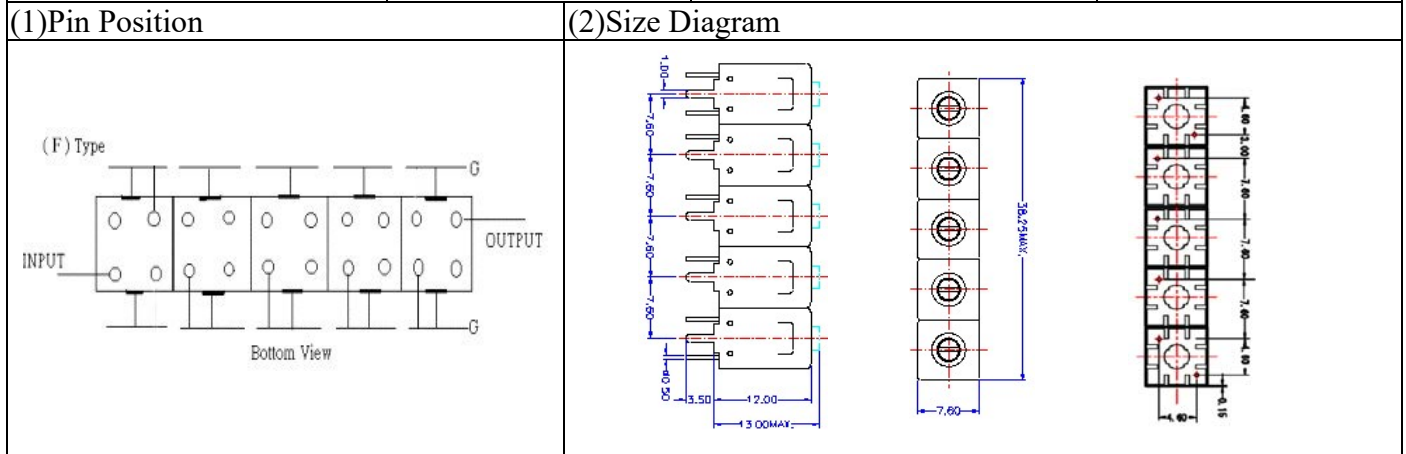


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TV65387F-900M
Approval No. /dated	202002020CD	Temwell's Print Name.	65387F 900M
Work Instruction No.	202002020CD	Date	Feb.20.2020



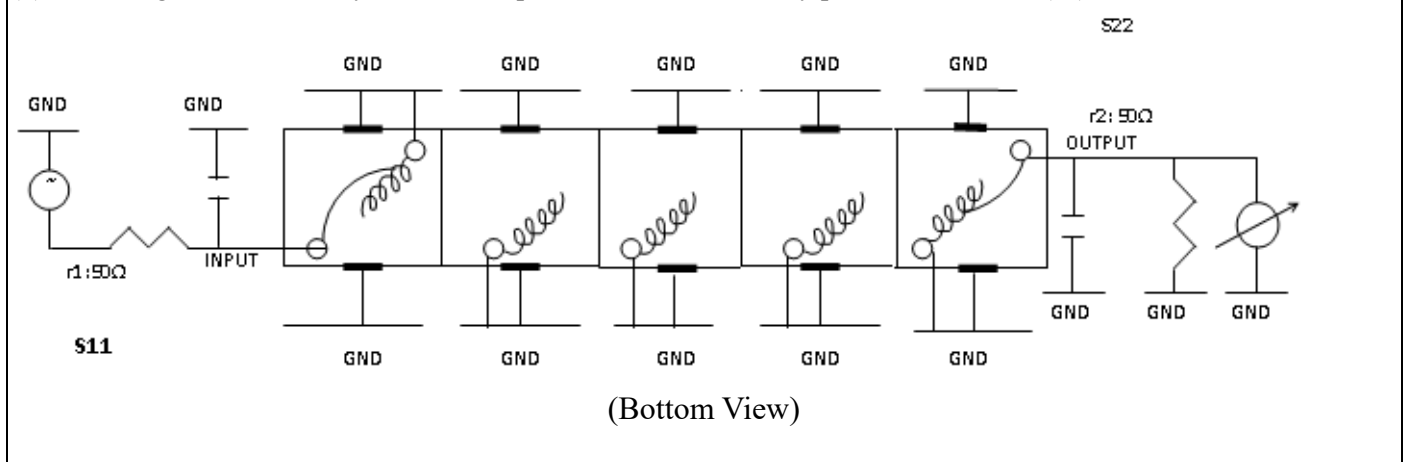
(3) Electric Character			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		900 MHz	900 MHz
Insertion Loss		Typ. 2.5 dB	1.25 dB
-3 dB Bandwidth		Typ. 130 MHz	139.6 MHz
Sensitivity (Attenuation)	Fo - 200 MHz	Typ. 60 dBc	70 dBc
	Fo + 200 MHz	Typ. 47 dBc	52 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	31.0 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(- -).



Approval C.C.Chang	Supervisor C.K.Chang	Designer C.S.Chang	Aperture size 7H5S(4*8.0)(8.03) 7H046RB6.5
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TEMWELL CORPORATION

Performance-TV65387F-900M

202002020CD

Tr1 S11 Log Mag 5.000dB/ Ref -250.0mdB [F2]
Tr2 S21 Log Mag 10.00dB/ Ref 0.000dB [F2 Equ]

