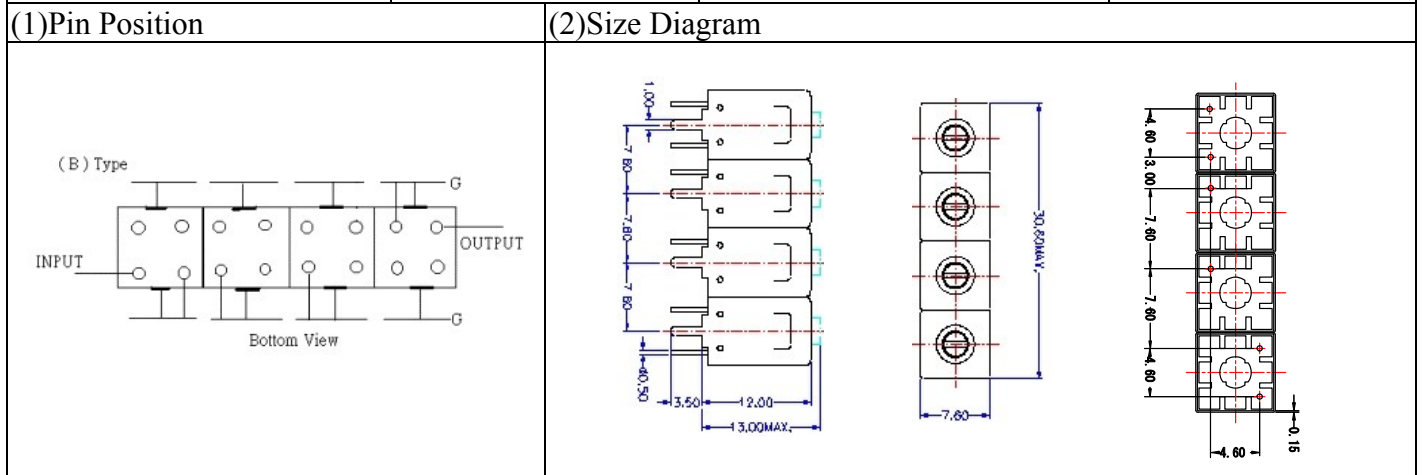


VHF UHF Helical Filter Specification Sheet

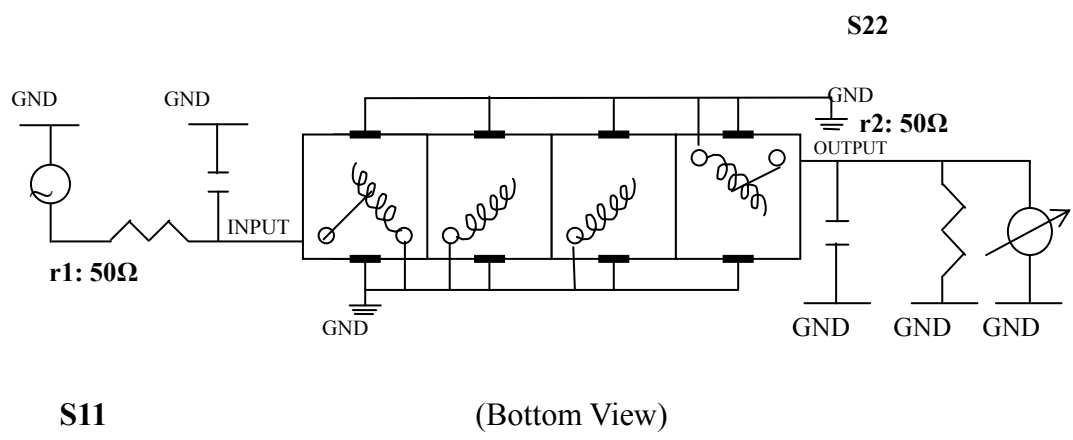
Customer Name		Temwell's Part No.	TF69677B1-140M
Approval No. /dated	201701073CD	Temwell's Print Name	69677B1 140M
Work Instruction No.	201701073CD	Date	Feb.7.2017



(3) Electric Characteristic

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	140 MHz	140 MHz
Insertion Loss	Typ. 3.0 dB	2.54 dB
-3 dB Bandwidth	Typ. 10 MHz	12.8 MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 80 dBc
	Fo + 50 MHz	Typ. 70 dBc
	Fo - ()MHz	Typ. dBc
	Fo + ()MHz	Typ. dBc
Return Loss	Min. 12 dB	27.1 dB
Ripple	< 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(- -).



Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	C.S.Chang	7H4S(4*4.65)(4.68) 7H024RB6.5
TEMWELL CORPORATION			

Performance-TF69677B1-140M

201701073CD

Tr1 S11 Log Mag 5.000dB/ Ref 0.000dB [F2]
Tr2 S21 Log Mag 10.00dB/ Ref 0.000dB [F2]

