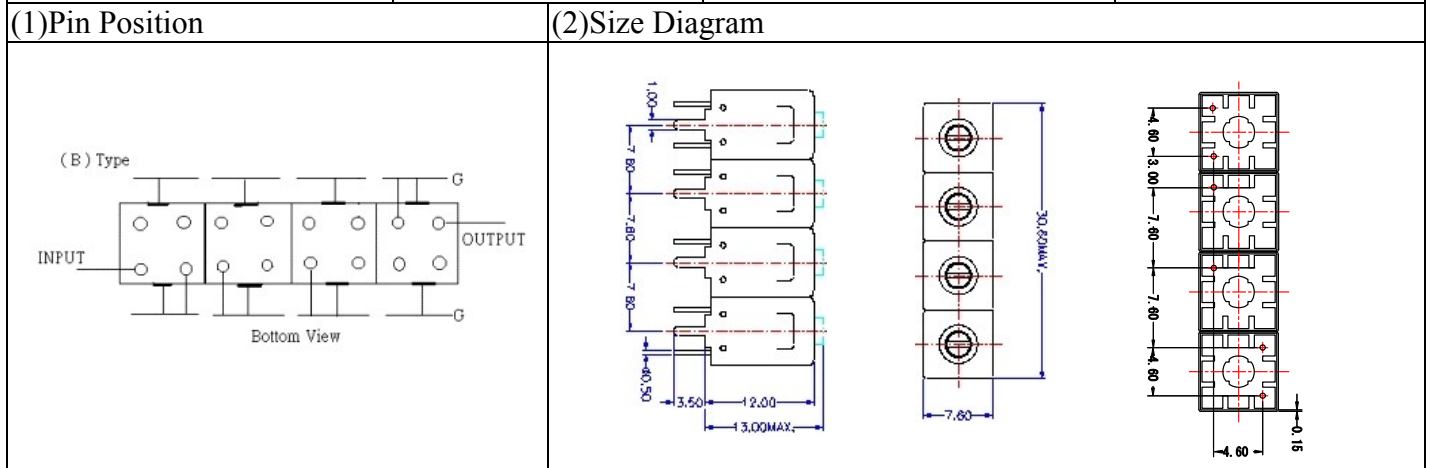


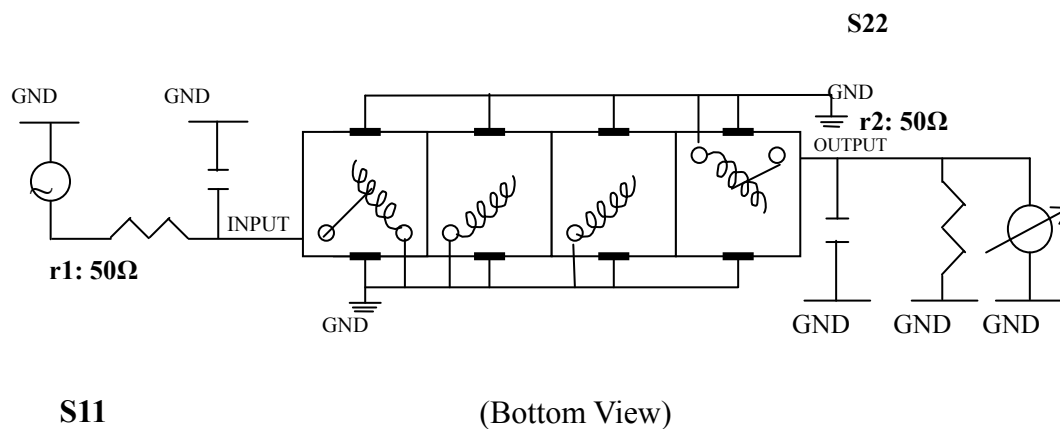
# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TF69862B-975M
Approval No. /dated	201708100CD	Temwell's Print Name	69862B 975M
Work Instruction No.	201708100CD	Date	Oct.27.2017



(3) Electric Characteristic			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	975 MHz	975	MHz
Insertion Loss	Typ. 2.5 dB	1.04	dB
-3 dB Bandwidth	Typ. 120 MHz	134.9	MHz
Sensitivity (Attenuation)	Fo - 200 MHz	Typ. 59	dBc
	Fo +200 MHz	Typ. 26	dBc
	Fo - ( )MHz	Typ.	dBc
	Fo +( )MHz	Typ.	dBc
Return Loss	Min. 12 dB	28.3	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			
> 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*8.0)(8.02) 7H046RB6.5

TEMWELL CORPORATION

# Performance-TF69862B-975M

## 201708100CD

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

