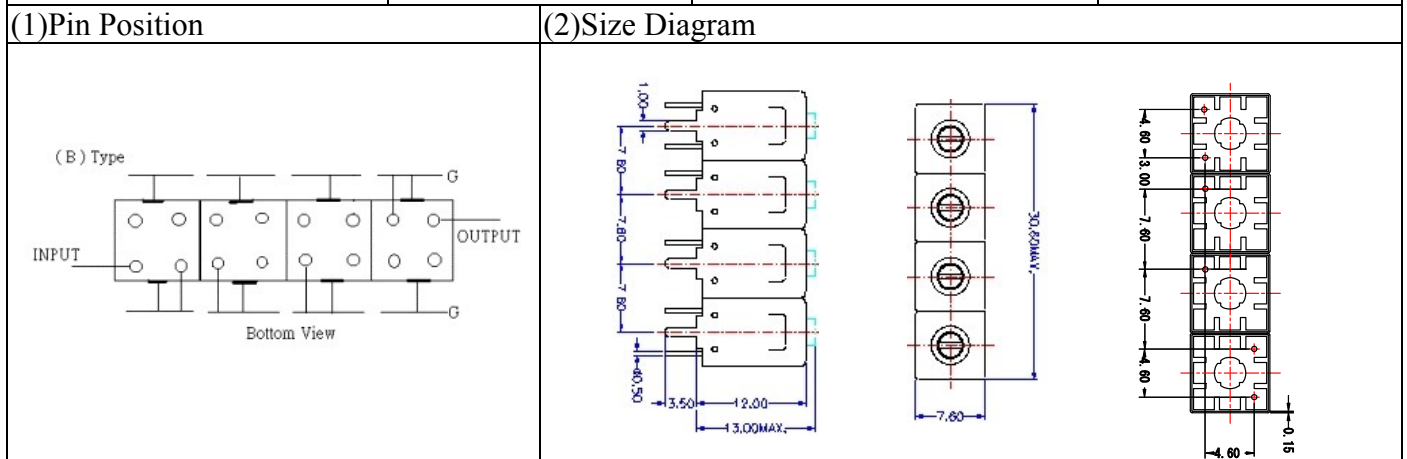


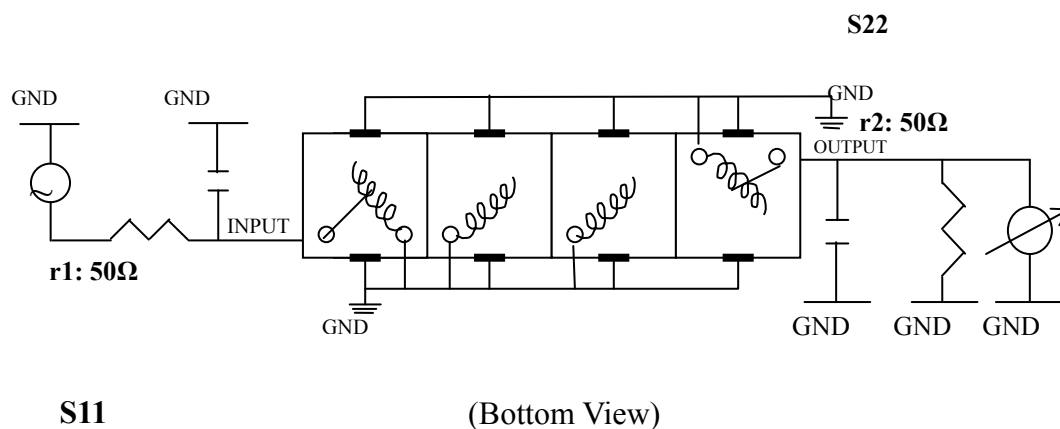
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TF69847B-1275M
Approval No. /dated	201709017CD	Temwell's Print Name	69847B 1275M
Work Instruction No.	201709017CD	Date	Nov.13.2017



(3) Electric Characteristic			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		1275 MHz	1275 MHz
Insertion Loss		Typ. 5.0 dB	4.59 dB
-3 dB Bandwidth		Typ. 20 MHz	29.8 MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 41 dBc	46 dBc
	Fo +50 MHz	Typ. 30 dBc	35 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	24.3 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		> 1Watt	

(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*6.5)(6.58) 7H046RB4

TEMWELL CORPORATION

TEMWELL Form10-7H4B Vision D

RP (C.S.C)

Performance-TF69847B-1275M

201709017CD

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

