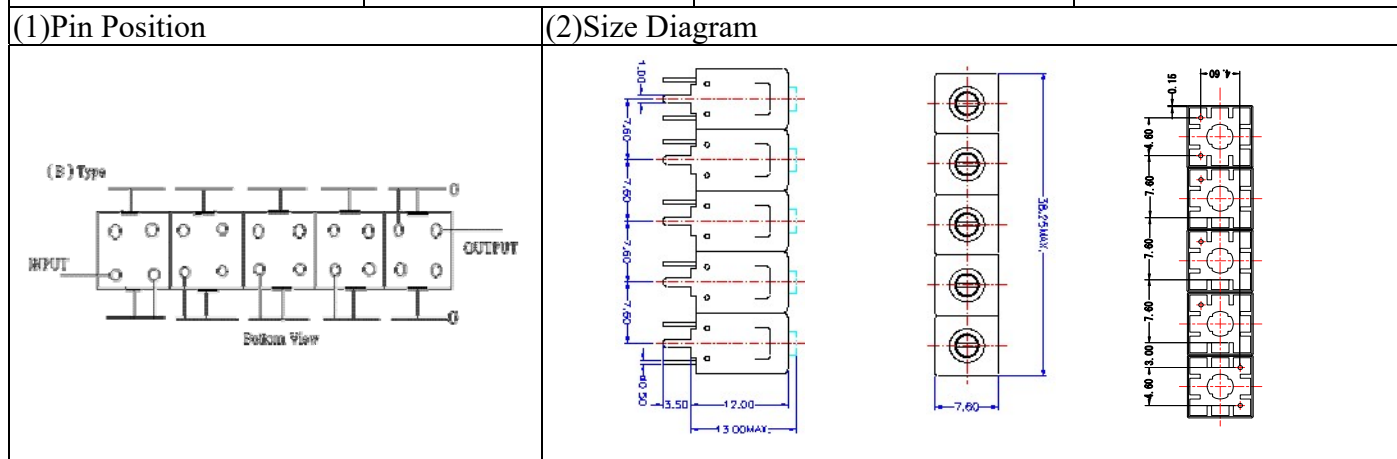


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TV6543B-1282M
Approval No. /dated	201806030CD	Temwell's Print name.	6543B 1282M
Work Instruction No.	201806030CD	Date	Jul.24.2018



(3) Electric Characteristic

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	1282 MHz	1282 MHz
Insertion Loss	Typ. 5.5 dB	4.50 dB
-3 dB Bandwidth	Typ. 20 MHz	33.7 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 57 dBc
	Fo + 100 MHz	Typ. 53 dBc
	Fo - ()MHz	Typ. dBc
	Fo +()MHz	Typ. dBc
Return Loss	Min. 12 dB	19.1 dB
Ripple	< 1 dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω

(4) Torque for Tuning Screw

> 60gf · cm

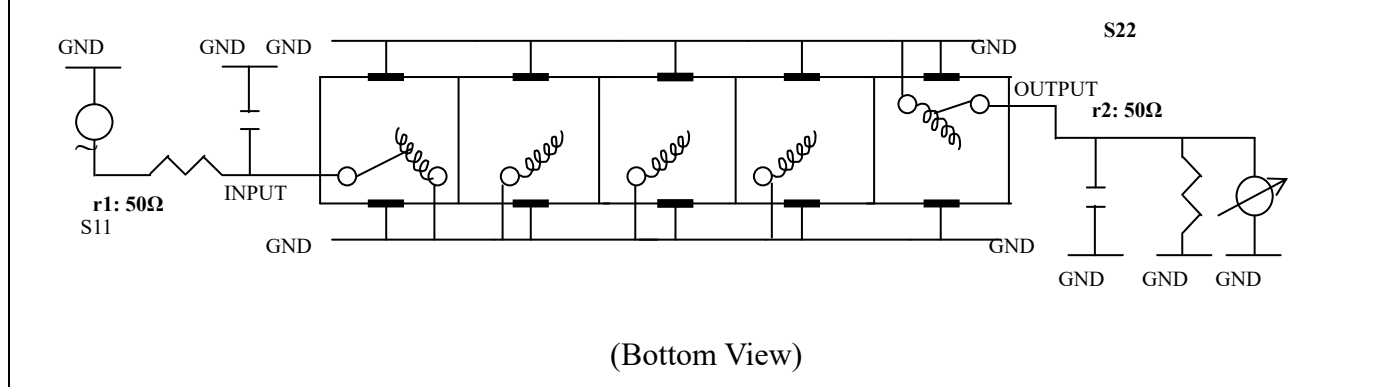
(5) Temperature Condition:

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

(6) Input Power

> 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	7H5S(4*5.5)(5.58) 7H046RB4

TEMWELL CORPORATION

Performance-TV6543B-1282M

201806030CD

