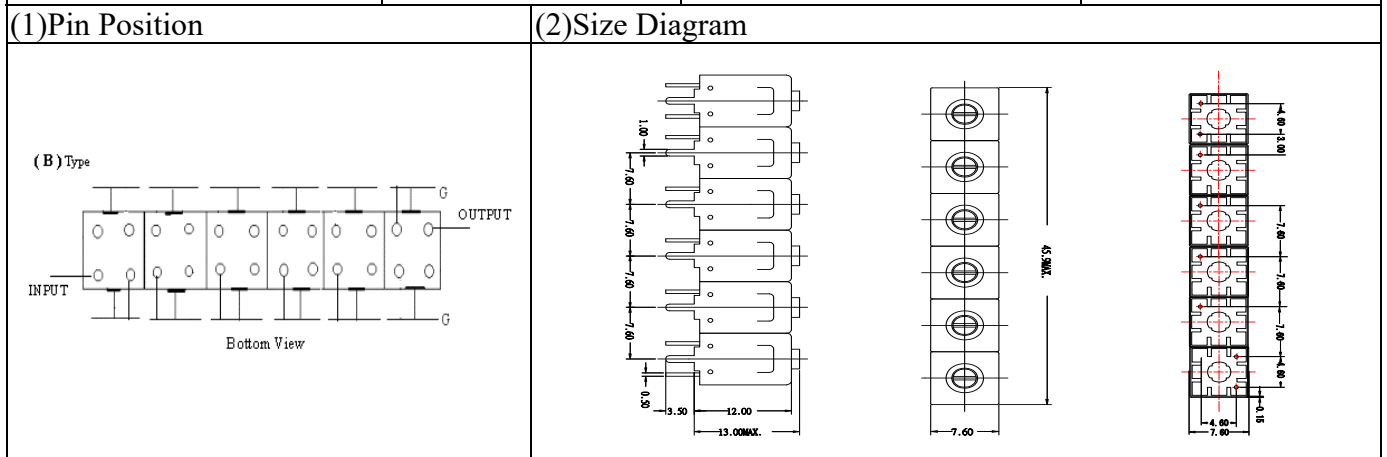


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TS6662B-737.5M
Approval No. /dated		Temwell's Print name.	6662B 737.5M
Work Instruction No.	202001006CD	Date	Feb.15.2020



(3) Electric Characteristic

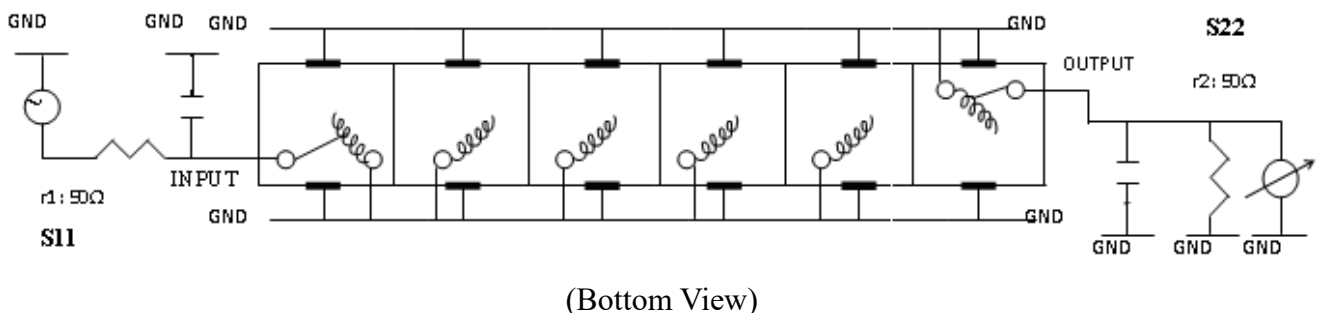
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	737.5 MHz	737.5 MHz	
Insertion Loss	Typ. 6.0 dB	4.81 dB	
-3 dB Bandwidth	Typ. 17 MHz	20.5 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 60 dBc	71 dBc
	Fo + 50 MHz	Typ. 50 dBc	56 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	22.0 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 7H6S(4*5.35)(5.38) 7H046RB4.3 聚 3
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TEMWELL CORPORATION

# Performance-TS6662B-737.5M

## 202001006CD

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

