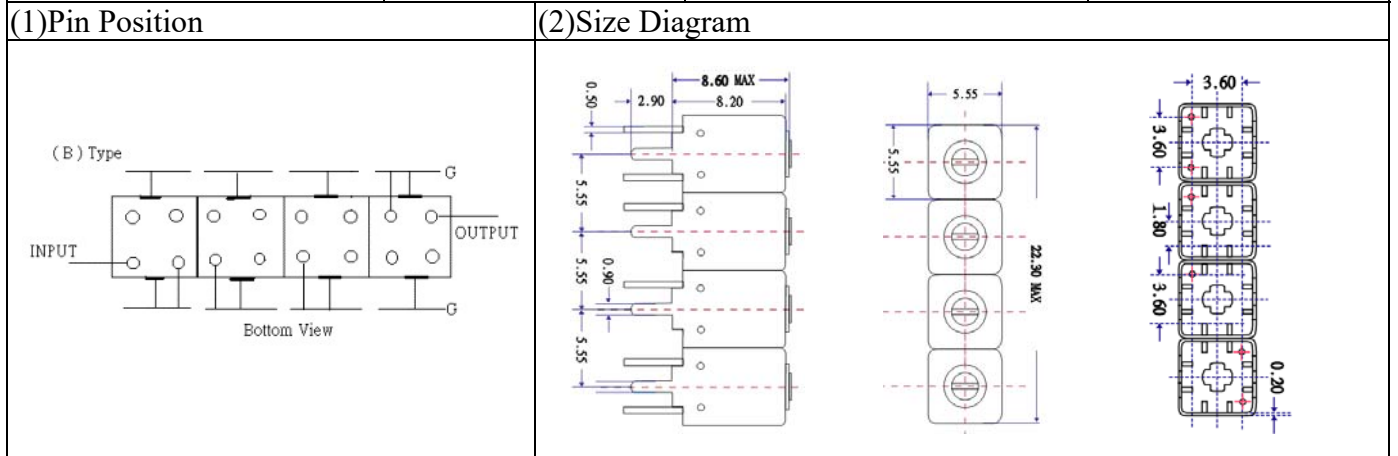


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW4733B-2225M
Approval No. /dated		Temwell's Print name	4733B 2225M
Work Instruction No.	202007044CD	Date	Jul.24.2020



### (3)Electric Charasteric

Item	Specify	Performance	
Center Freq.(Fo ) +/- 0.5 %	2225 MHz	2225 MHz	
Insertion Loss	Typ. 5.0 dB	3.92 dB	
-3 dB Bandwidth	Typ. 47 MHz	64.5 MHz	
Sensitivity (Attenuation )	Fo - 150 MHz	Typ. 48 dBc	58 dBc
	Fo + 150 MHz	Typ. 36 dBc	41 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	13.2 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

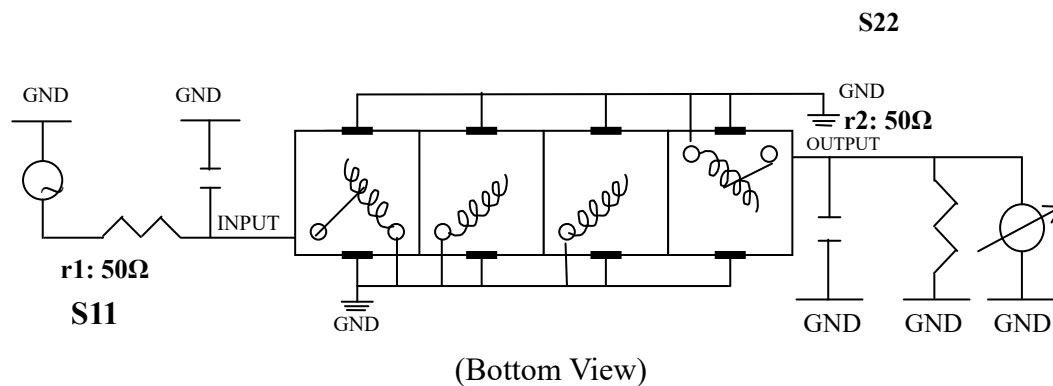
(4)Torque for Tuning Screw > 60gf • cm

(5)Temperature Condition:

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

(6)Input Power > 0.5Watt

(7)Measuring Circuit: ※Easy to match Impedance S11/S22 50Ω by parallel with about(- -).



Approval	Supervisor	Designer	Aperture size
C.C.Chang	C.K.Chang	M.Y.Kang	5W4S(3.8*4.0)(4.08) 5HW046RB3.2 (J1)

TEMWELL CORPORATION

# Performance-TFW4733B-2225M

## 202007044CD

