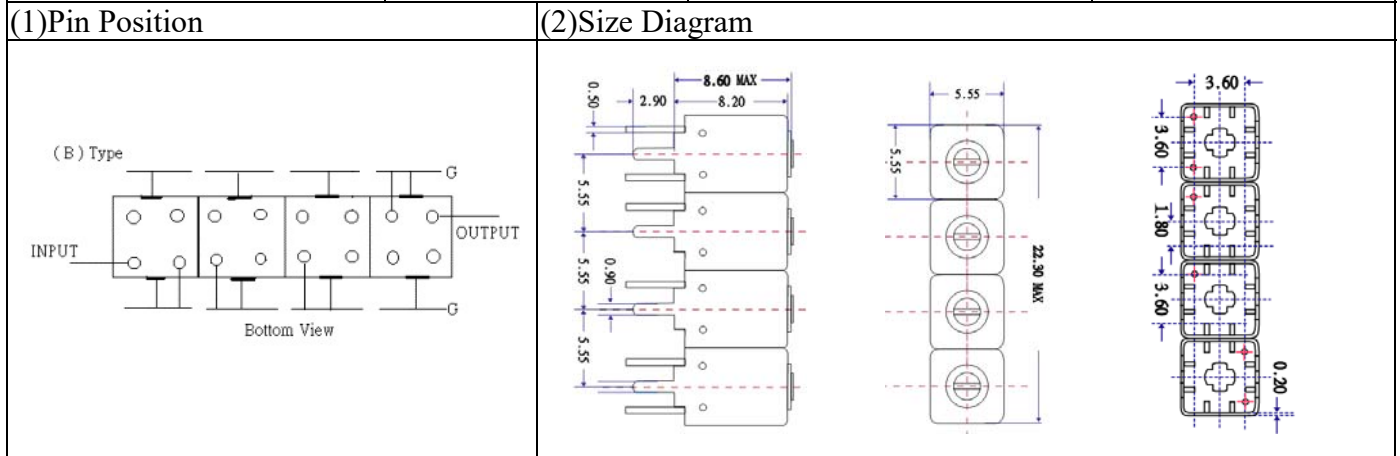


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW4734B-2275M
Approval No. /dated		Temwell's Print name	4734B 2275M
Work Instruction No.	202007047CD	Date	Jul.30.2020



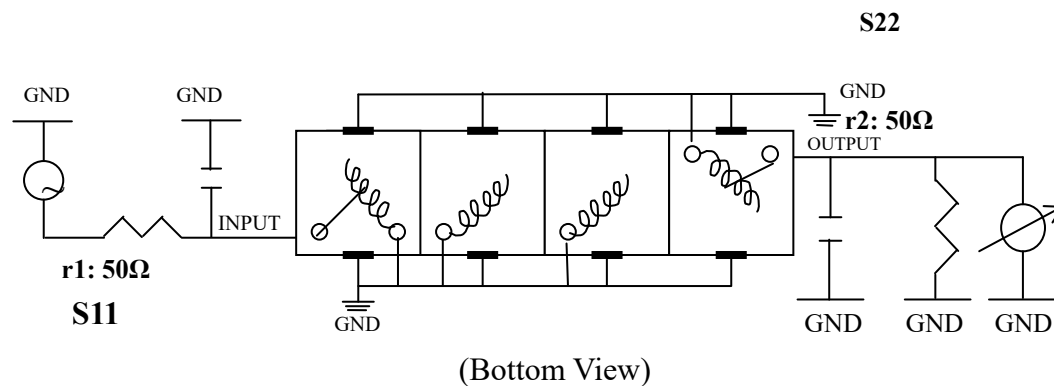
(3) Electric Characteristic			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	2275 MHz	2275	MHz
Insertion Loss	Typ. 5.5 dB	4.46	dB
-3 dB Bandwidth	Typ. 50 MHz	68.1	MHz
Sensitivity (Attenuation)	Fo - 150 MHz	Typ. 53 dBc	64 dBc
	Fo + 150 MHz	Typ. 44 dBc	49 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo + ( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	17.9	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*3.5)(3.54) 5HW046RB3.2 (J1)
TEMWELL CORPORATION			

# Performance-TFW4734B-2275M

## 202007047CD

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

