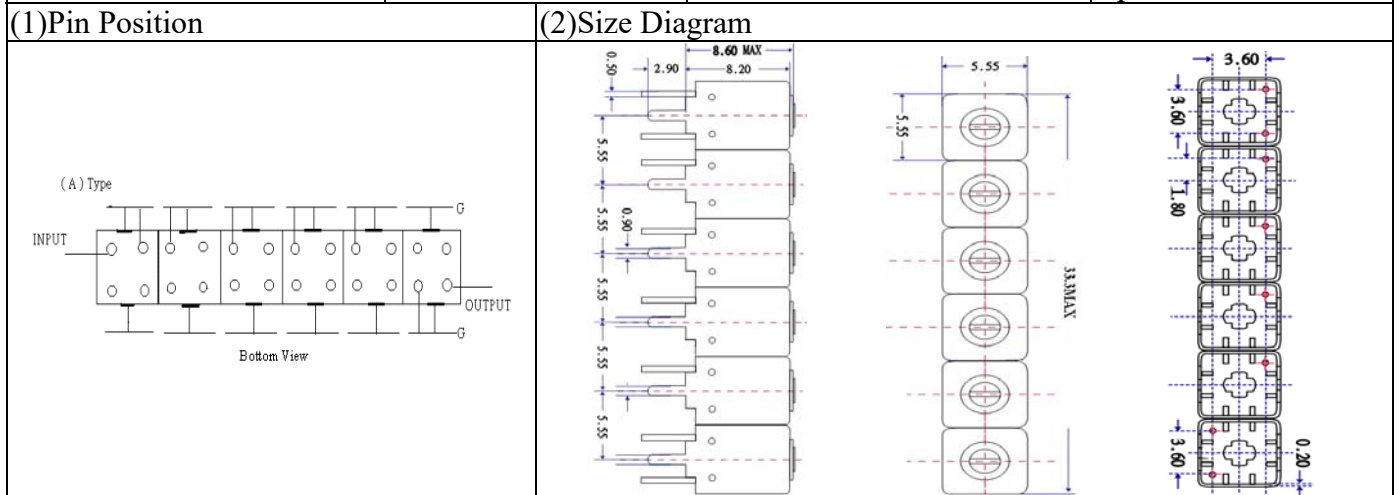


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TSW6408A-1880M
Approval No. /dated		Temwell,s print Name	6408A 1880M
Work Instruction No.	201911101CD	Date	Apr.30.2020



(3) Electric Characteristic

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	1880 MHz	1880 MHz	
Insertion Loss	Typ. 7.0 dB	6.07 dB	
-3 dB Bandwidth	Typ. 60 MHz	64.1 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 60 dBc	70 dBc
	Fo + 100 MHz	Typ. 44 dBc	54 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	24.5 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

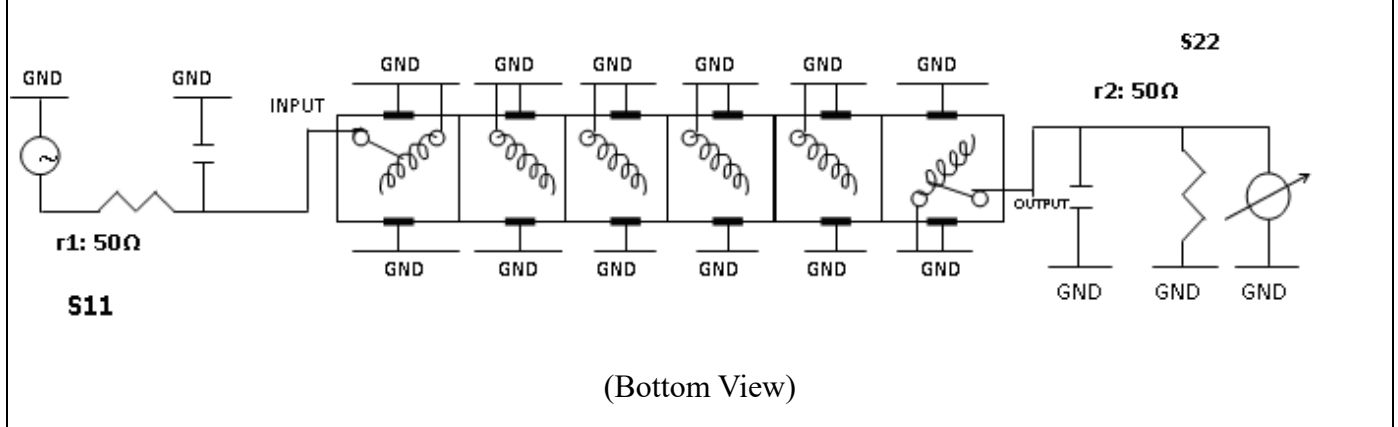
(4) Torque for Tuning Screw > 60gf · cm

(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(- -).



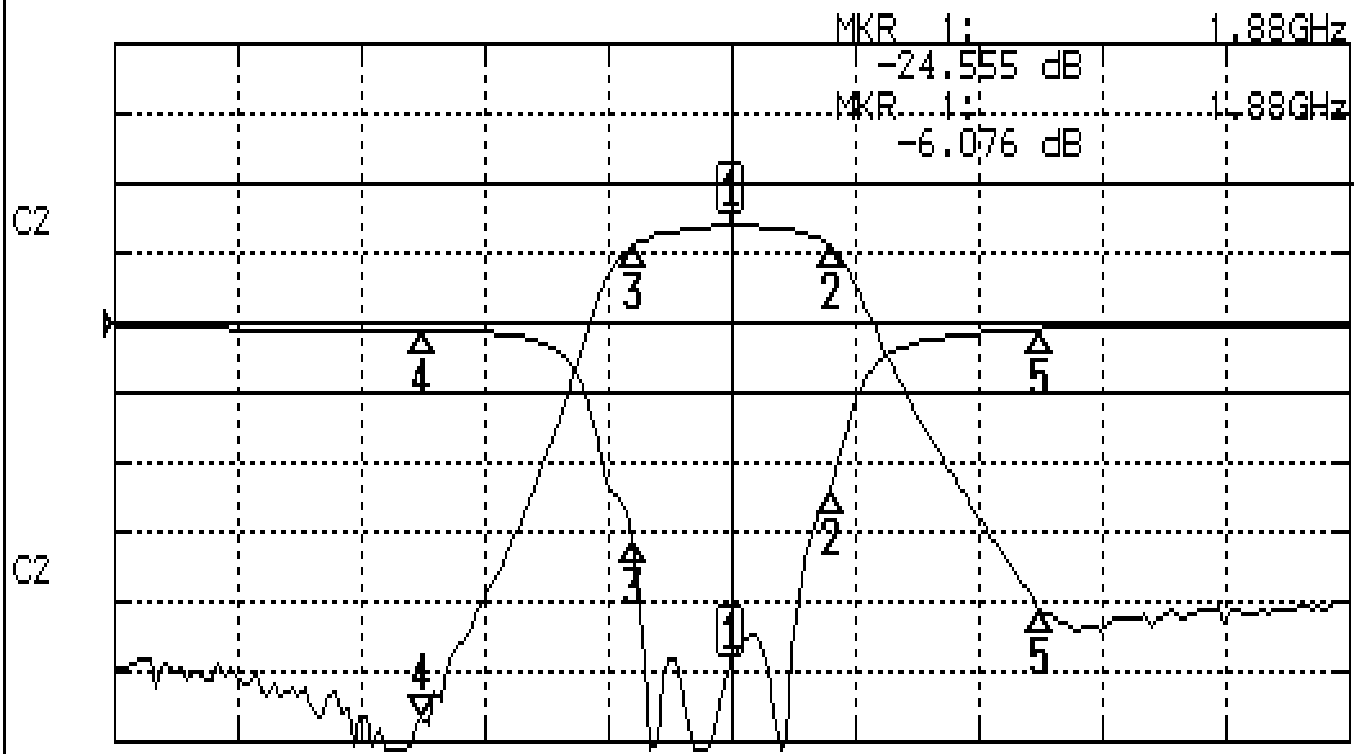
Approval	Supervisor	Designer	Aperture size
C.C.Chang	C.K.Chang	C.H.Yeh	5W6S(3.8*4.5)(4.53) 5HW046LB3.2 (J1)

TEMWELL CORPORATION

# Performance-TSW6408A-1880M

## 201911101CD

**CH1** S11                      LOG MAG                      REF 0.000 dB                      5.000 dB/  
**CH2** S21                      LOG MAG                      REF 0.000 dB                      10.000 dB/



**CENTER 1.88GHz                      [ 10.00 dBm]                      SPAN 400MHz**

**CH1 MARKER LIST**

1	1.880	000GHz	-24.555	dB
2	1.912	100GHz	-12.005	dB
3	1.848	000GHz	-15.508	dB
4	1.780	000GHz	-0.511	dB
5	1.980	000GHz	-0.447	dB

**CH2 MARKER LIST**

1	1.880	000GHz	-6.076	dB
2	1.912	100GHz	-19.044	dB
3	1.848	000GHz	-19.038	dB
4	1.780	000GHz	-76.230	dB
5	1.980	000GHz	-60.972	dB