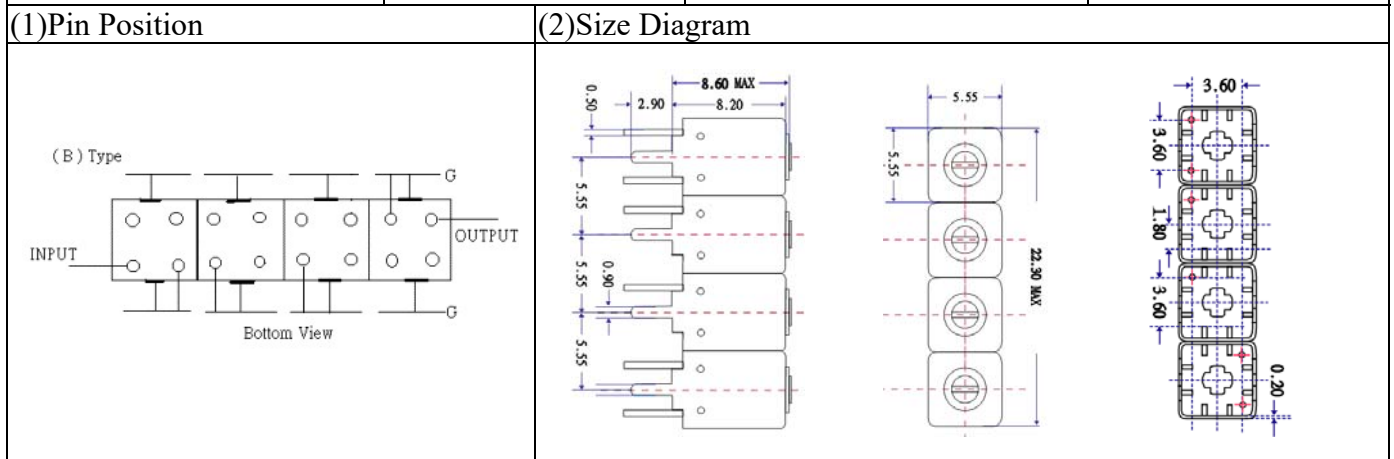


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW41105B-1855M
Approval No. /dated	201905074CD	Temwell's Print name	41105B 1855M
Work Instruction No.	201905074CD	Date	Jun.06.2019



(3) Electric Characteristic

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	1855 MHz	1855 MHz	
Insertion Loss	Typ. 7.0 dB	5.38 dB	
-3 dB Bandwidth	Typ. 30 MHz	34.7 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 66 dBc	76 dBc
	Fo + 100 MHz	Typ. 52 dBc	57 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	20.6 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

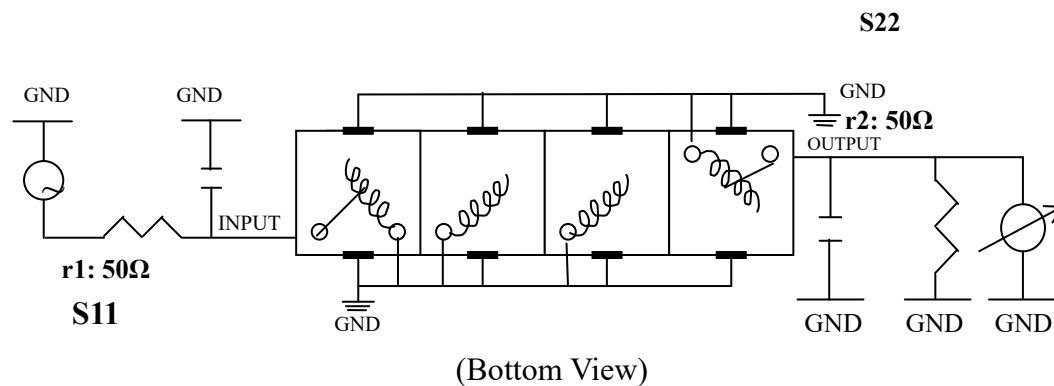
(4) Torque for Tuning Screw > 60gf · cm

(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(- -).

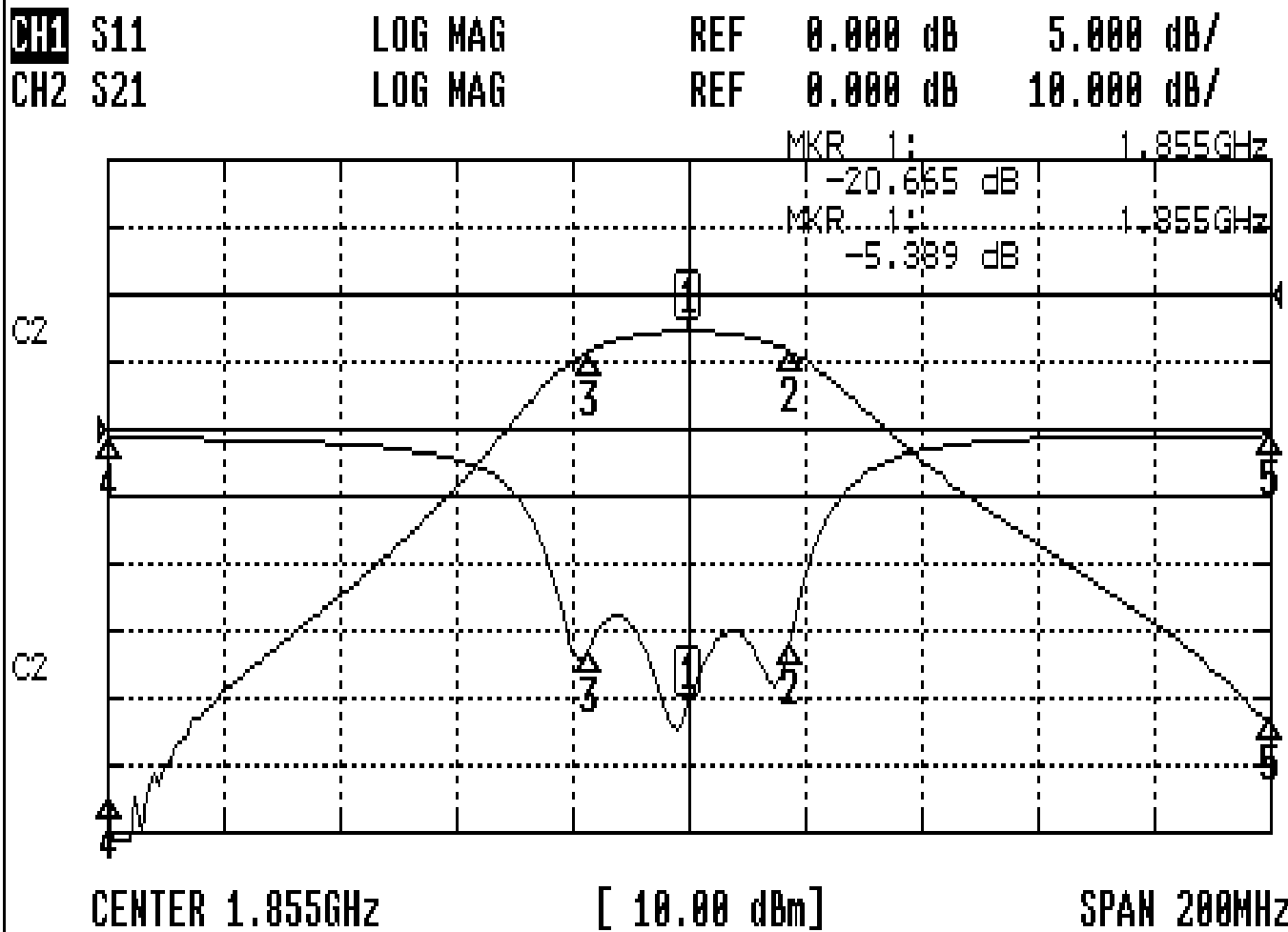


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	Z.Y.Wang	5W4S(3.8*3.5)(3.56) 5HW046RB3.2 (J1)

TEMWELL CORPORATION

Performance-TFW41105B-1855M

201905074CD



CH1 MARKER LIST

1:	1.855 000GHz	-20.673 dB	
2:	1.872 420GHz	-15.812 dB	
3:	1.837 666GHz	-16.481 dB	
4:	1.755 000GHz	-0.617 dB	
5:	1.955 000GHz	-0.430 dB	

CH2 MARKER LIST

1:	1.855 000GHz	-5.389 dB	
2:	1.872 420GHz	-10.395 dB	
3:	1.837 666GHz	-10.392 dB	
4:	1.755 000GHz	-0.540 dB	
5:	1.955 000GHz	-0.979 dB	