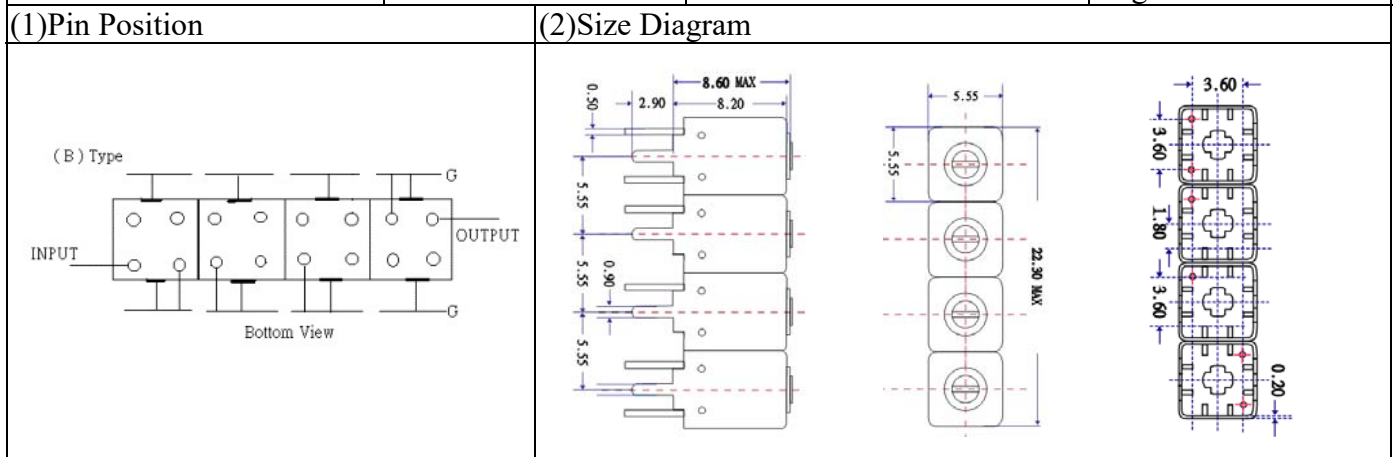


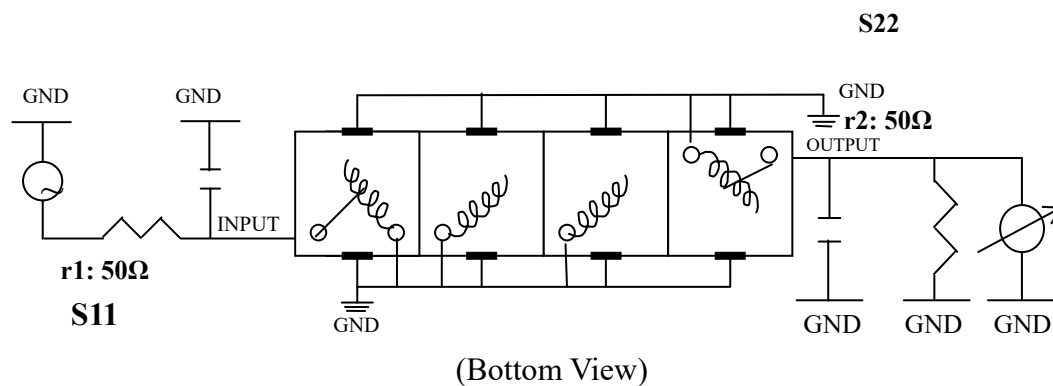
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW41117B-2010M
Approval No. /dated	201905086CD	Temwell's Print name	41117B 2010M
Work Instruction No.	201905086CD	Date	Aug.14.2019



(3) Electric Characteristic			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	2010 MHz	2010 MHz	
Insertion Loss	Typ. 8.5 dB	7.72 dB	
-3 dB Bandwidth	Typ. 20 MHz	27.2 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 32 dBc	37 dBc
	Fo + 50 MHz	Typ. 22 dBc	27 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	25.8 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(- -).

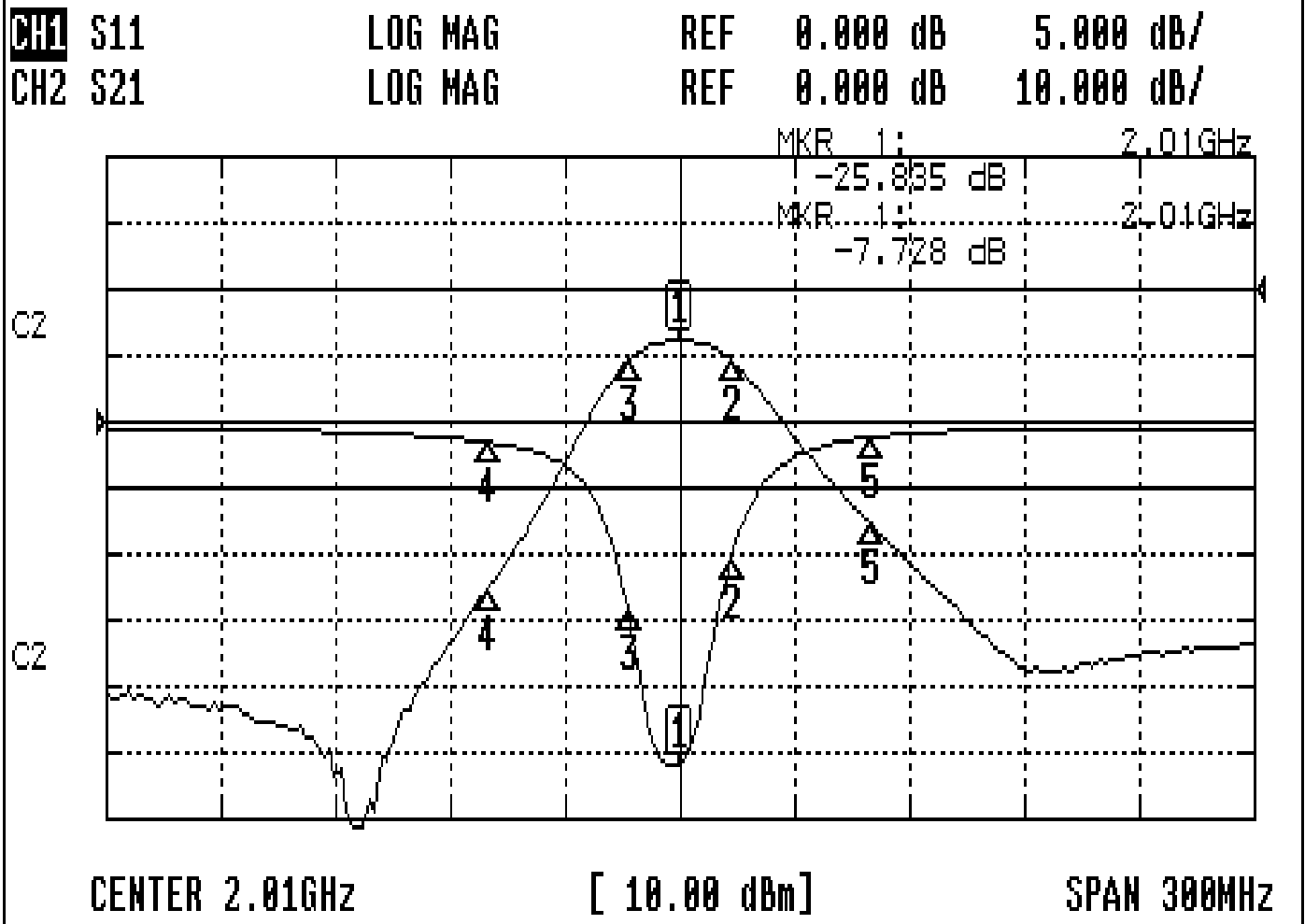


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	C.H.Yeh	5W4S(3.8*3.5)(3.57) 5HW046RB3.2 (J1)

TEMWELL CORPORATION

Performance-TFW4117B-2010M

201905086CD



CH1 MARKER LIST

1:	2.010	000GHz	-25.835	dB
2:	2.023	680GHz	-10.197	dB
3:	1.996	420GHz	-14.131	dB
4:	1.960	000GHz	-1.534	dB
5:	2.060	000GHz	-1.153	dB

CH2 MARKER LIST

1:	2.010	000GHz	-7.728	dB
2:	2.023	680GHz	-10.800	dB
3:	1.996	420GHz	-10.720	dB
4:	1.960	000GHz	-45.145	dB
5:	2.060	000GHz	-35.491	dB