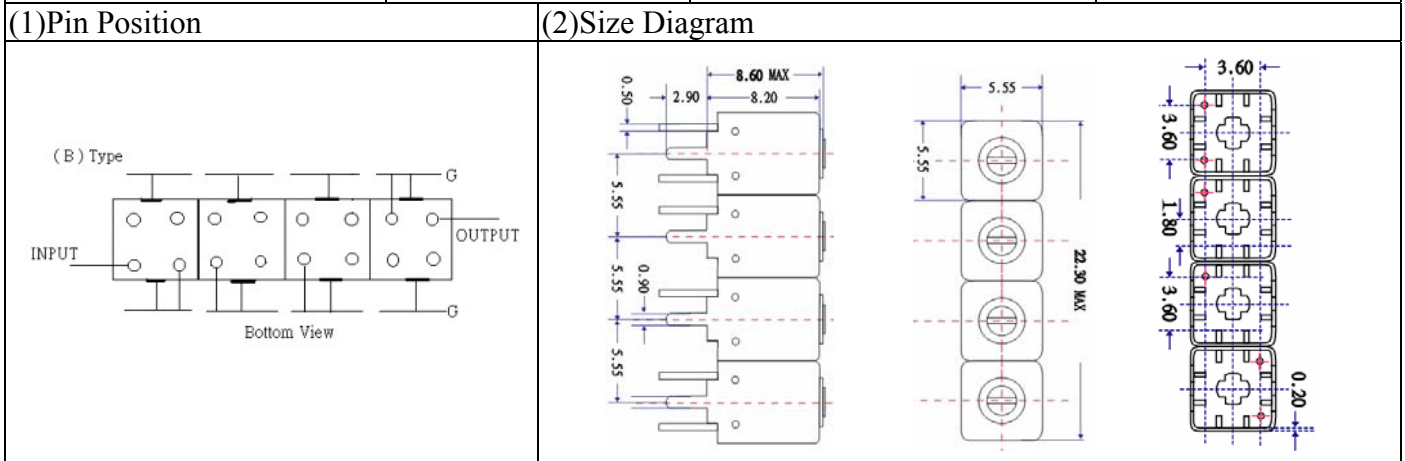


VHF UHF Helical Filter Specification Sheet

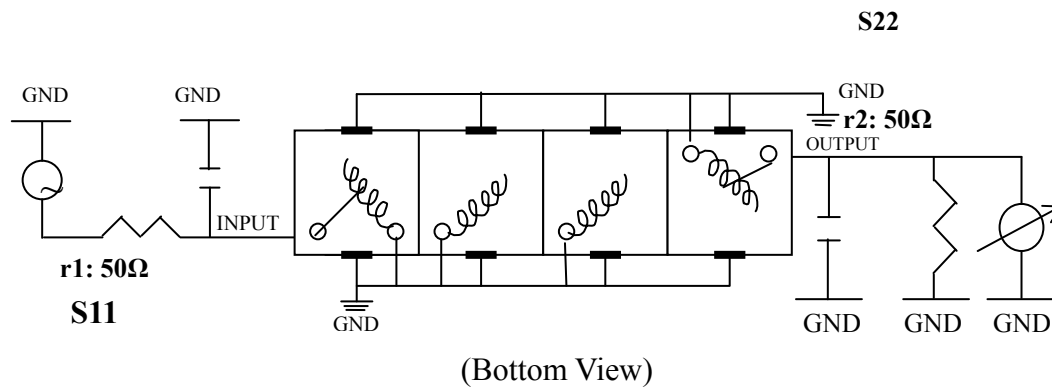
Customer Name		Temwell's Part No.	TFW4684B-915M
Approval No. /dated	201803033CD	Temwell's Print name	4684B 915M
Work Instruction No.	201803033CD	Date	Mar.20.2018



(3) Electric Characteristic		Item	Specify	Performance
		Center Freq.(Fo) +/- 0.5 %	915 MHz	915 MHz
		Insertion Loss	Typ. 4.5 dB	3.48 dB
		-3 dB Bandwidth	Typ. 25 MHz	32.3 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 56 dBc		66 dBc
	Fo + 100 MHz	Typ. 52 dBc		57 dBc
	Fo - ()MHz	Typ. dBc		dBc
	Fo +()MHz	Typ. dBc		dBc
		Return Loss	Min. 12 dB	29.8 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(- -).

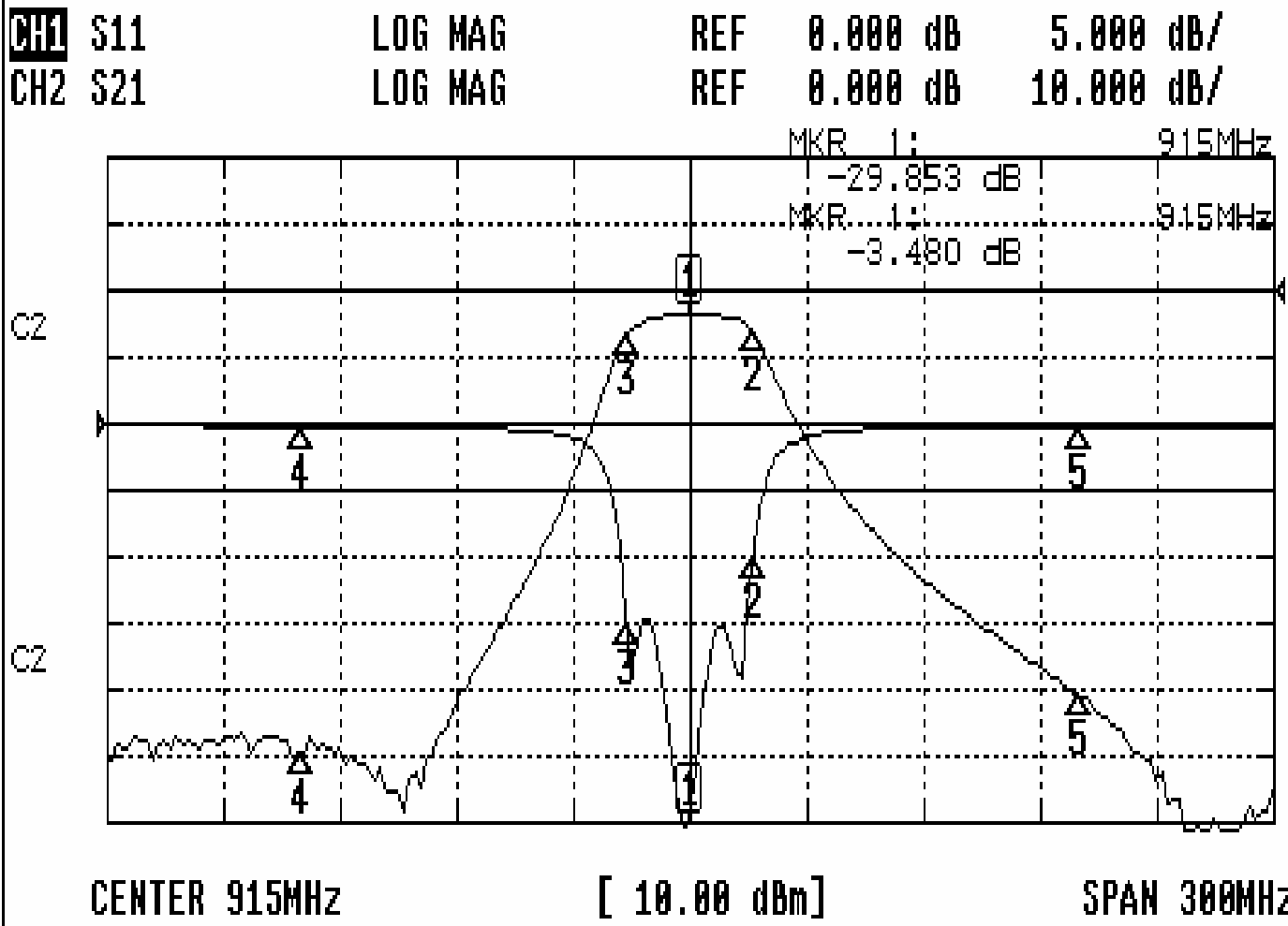


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	C.H.Yeh	5W4S(3.8*4.0)(4.03) 5HW024RB3

TEMWELL CORPORATION

Performance-TFW4684B-915M

201803033CD



CH1 MARKER LIST

1:	915.000MHz	-29.853	dB
2:	931.250MHz	-9.982	dB
3:	898.870MHz	-15.567	dB
4:	815.000MHz	-0.173	dB
5:	1.015 000GHz	-0.206	dB
6:			
7:			
8:			
9:			
10:			

CH2 MARKER LIST

1:	915.000MHz	-3.480	dB
2:	931.250MHz	-16.437	dB
3:	898.870MHz	-16.488	dB
4:	815.000MHz	-69.530	dB
5:	1.015 000GHz	-60.902	dB
6:			
7:			
8:			
9:			
10:			