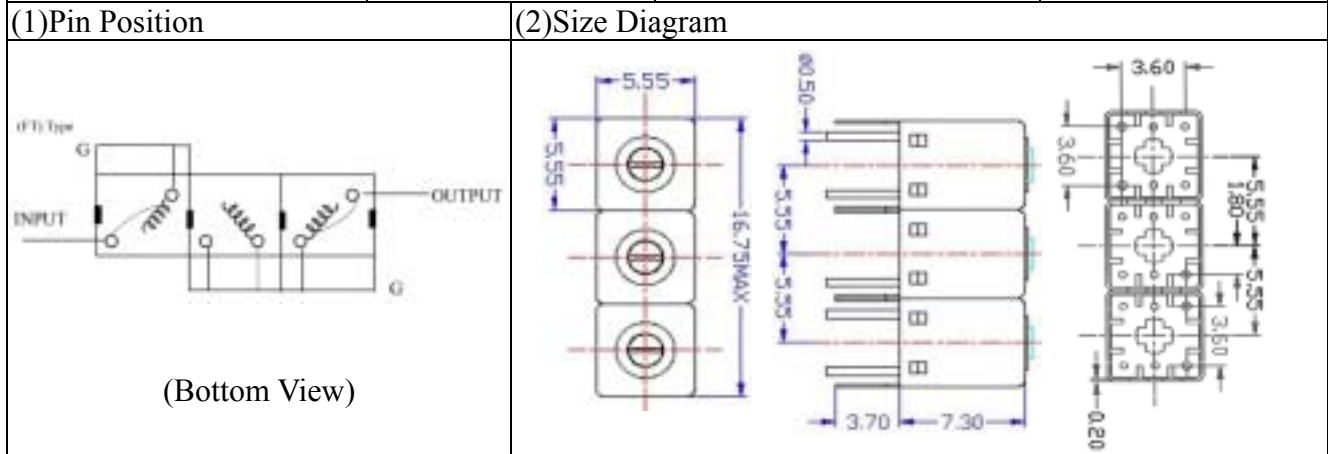


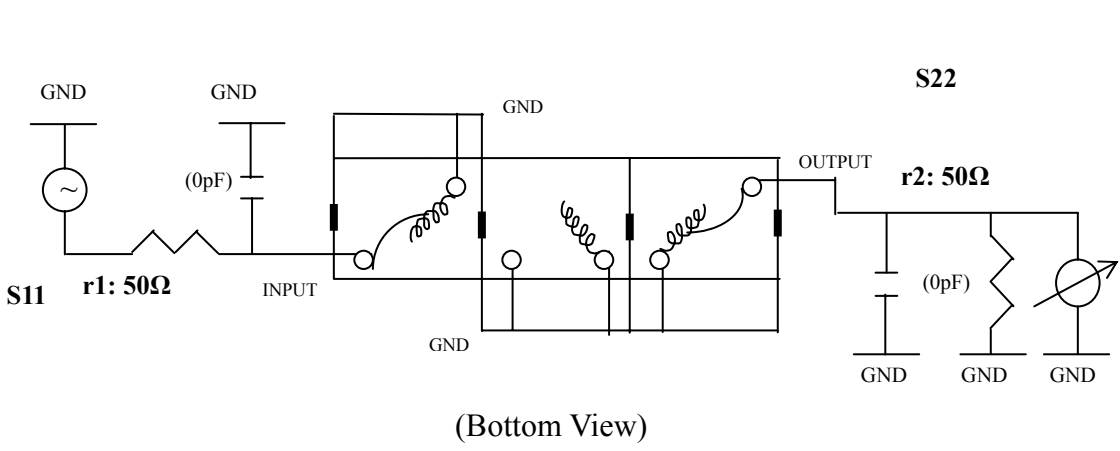
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	K3RFT-515M-20M
Approval No. /dated	0909062CD	Temwell's Print Name	K3RFT 515M
Work Instruction No.	200909062CD	Date	Oct.15.2009



(3)Electric Charasteric	
Item	Specify
Center Freq.(Fo) +/- 0.5 %	515 MHz
Insertion Loss	Typ. 4.0 dB
-3 dB Bandwidth	Typ. 20 MHz
Sensitivity (Attenuation)	Fo - 50 MHz Typ. 25 dBc
	Fo + 50 MHz Typ. 20 dBc
	Fo - ()MHz Typ. dBc
	Fo +()MHz Typ. dBc
Return Loss	Min. 12 dB
Ripple	< 1 dB
Impedance	In / Out : 50 Ω
(4)Torque for Tuning Screw	> 60gf cm
(5)Temperature Condition:	
Operating Temperature	0 ~ +60
Storage Temperature	-20 ~ +70
(6)Input Power	> 0.5Watt

(7)Measuring Circuit: Easy to match Impedance S11/S22 50Ω by parallel with about(0pF) / (0pF).

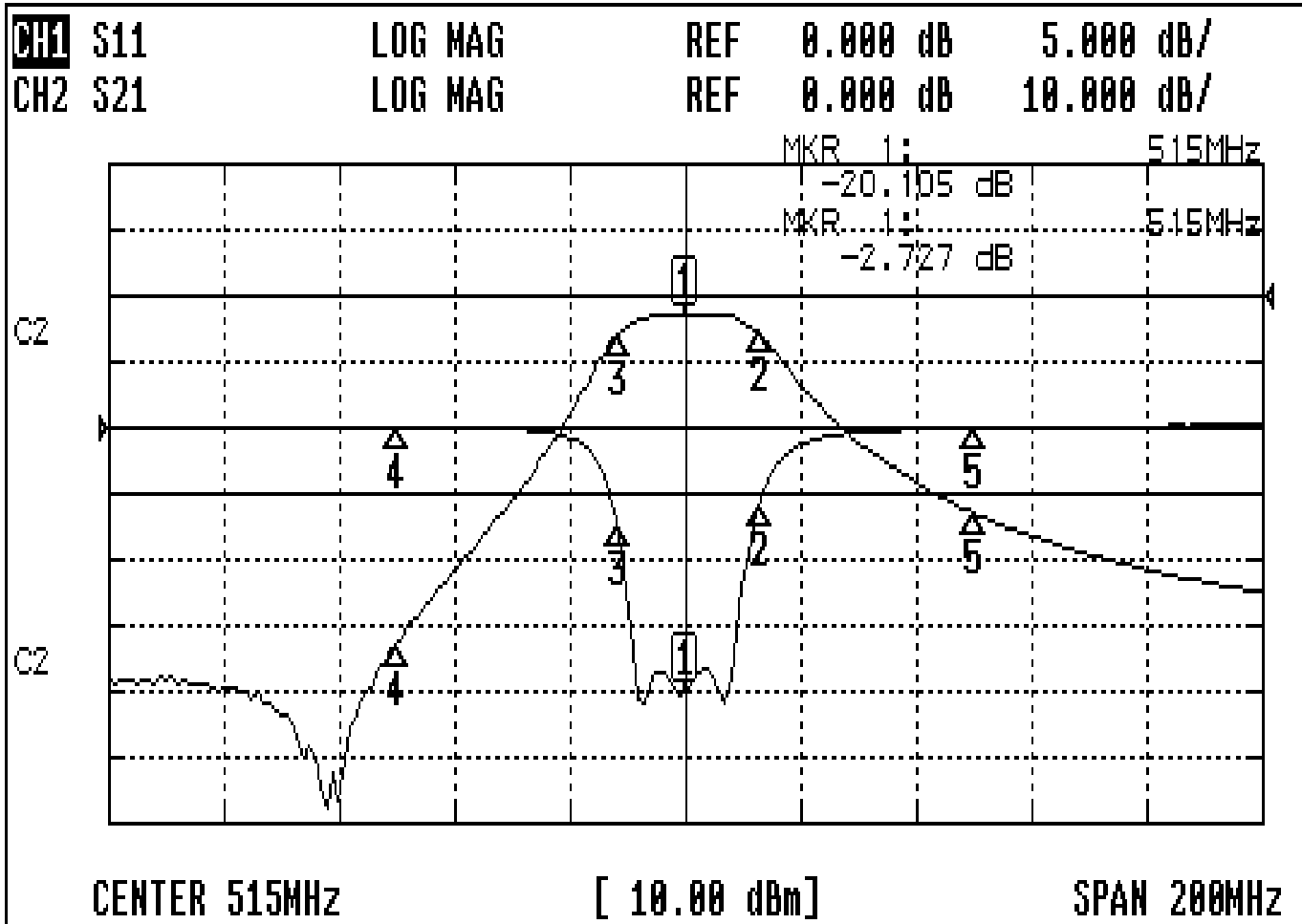


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	H.Y.Hui	5R3(3.8*4.2)(4.25) (5HW024LB3)

TEMWELL CORPORATION

Performance-K3RFT-515M-20M

200909062CD



CH1 MARKER LIST

1:	515.000MHz	-20.105	dB	
2:	527.833MHz	-11.913	dB	
3:	503.333MHz	-7.517	dB	
4:	465.000MHz	0.078	dB	
5:	565.000MHz	0.004	dB	

CH2 MARKER LIST

1:	515.000MHz	-2.727	dB	
2:	527.833MHz	-11.913	dB	
3:	503.333MHz	-7.517	dB	
4:	465.000MHz	-11.709	dB	
5:	565.000MHz	-32.905	dB	