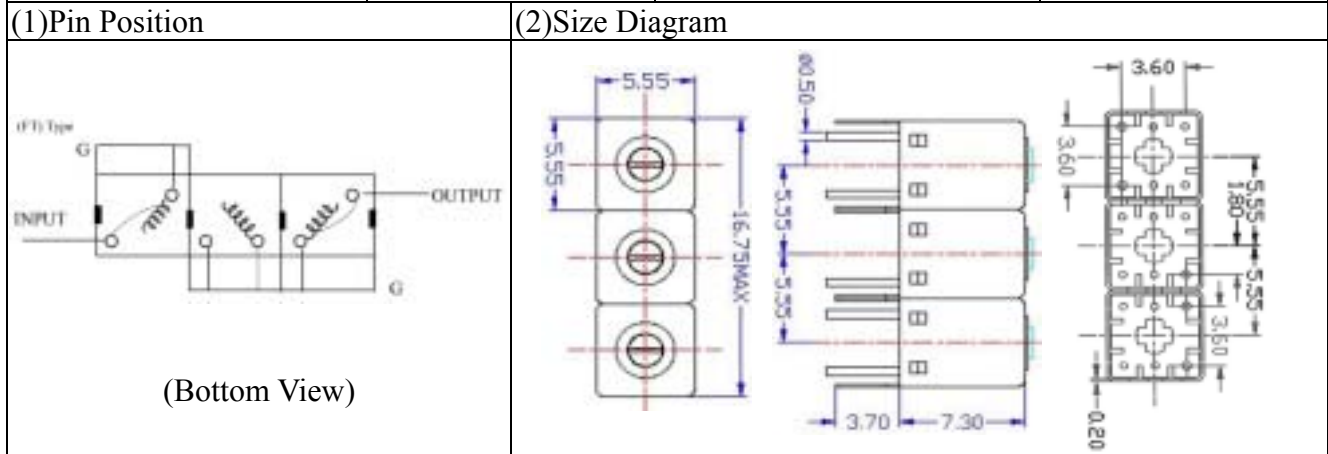


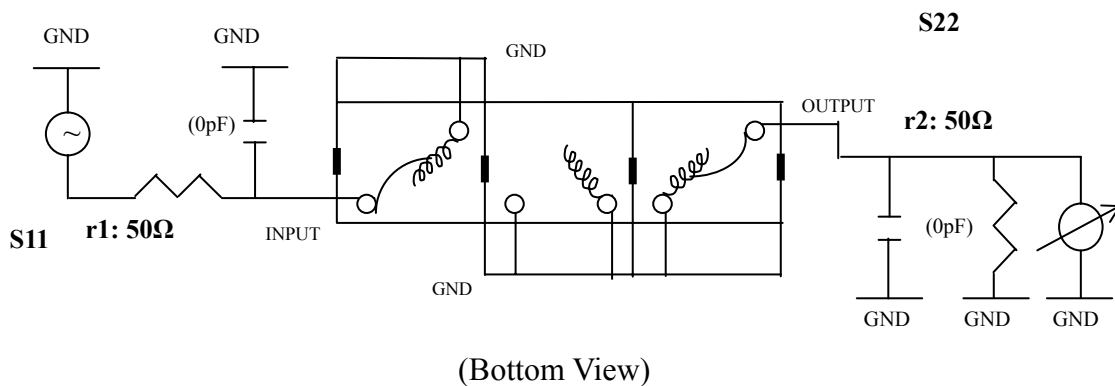
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	K3RFT-518M-40M
Approval No. /dated	0909063CD	Temwell's Print Name	K3RFT 518M
Work Instruction No.	200909063CD	Date	Oct.15.2009



(3)Electric Charasteric	
Item	Specify
Center Freq.(Fo) +/- 0.5 %	518 MHz
Insertion Loss	Typ. 4.0 dB
-3 dB Bandwidth	Typ. 40 MHz
Sensitivity (Attenuation)	Fo - 50 MHz Typ. 20 dBc
	Fo + 50 MHz Typ. 17 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).

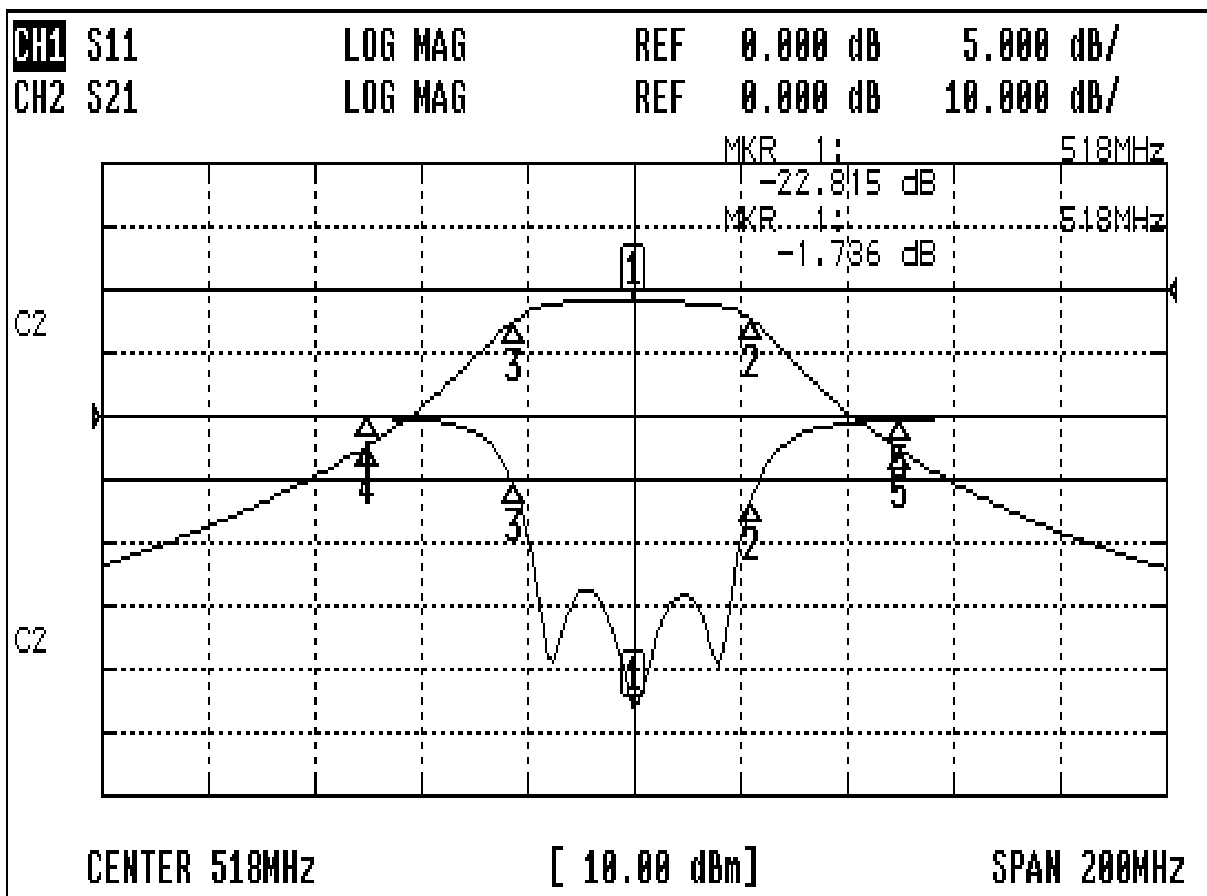


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	H.Y.Hui	5R3(3.8*3.7)(3.82) (5HW02RB3.5) (5HW020RB4.5)

TEMWELL CORPORATION

Performance-K3RFT-518M-40M

200909063CD



CH1 MARKER LIST

1:	518.000MHz	-22.819 dB
2:	540.000MHz	-6.768 dB
3:	495.500MHz	-5.452 dB
4:	468.000MHz	-0.068 dB
5:	568.000MHz	-0.252 dB

CH2 MARKER LIST

1:	518.000MHz	-1.736 dB
2:	540.000MHz	-4.734 dB
3:	495.500MHz	-4.758 dB
4:	468.000MHz	-24.577 dB
5:	568.000MHz	-25.497 dB