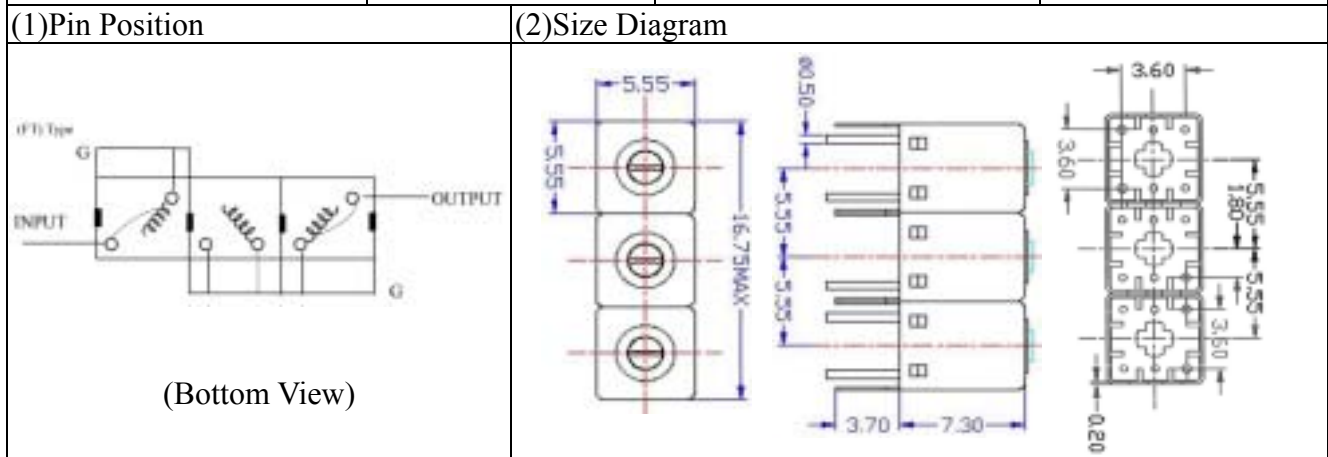


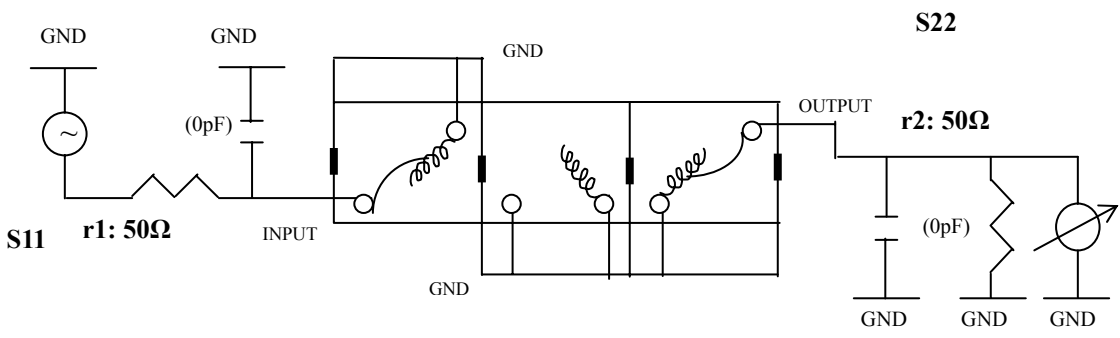
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	K3RFT-440M-18M
Approval No. /dated	0904115CD	Temwell's Print Name	K3RFT 440M
Work Instruction No.	200904115CD	Date	Jun.26.2009



(3)Electric Charasteric	
Item	Specify
Center Freq.(Fo) +/- 0.5 %	440 MHz
Insertion Loss	Typ. 4.0 dB
-3 dB Bandwidth	Typ. 18 MHz
Sensitivity (Attenuation)	Fo - 50 MHz Typ. 28 dBc
	Fo + 50 MHz Typ. 25 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	> 100gf 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).

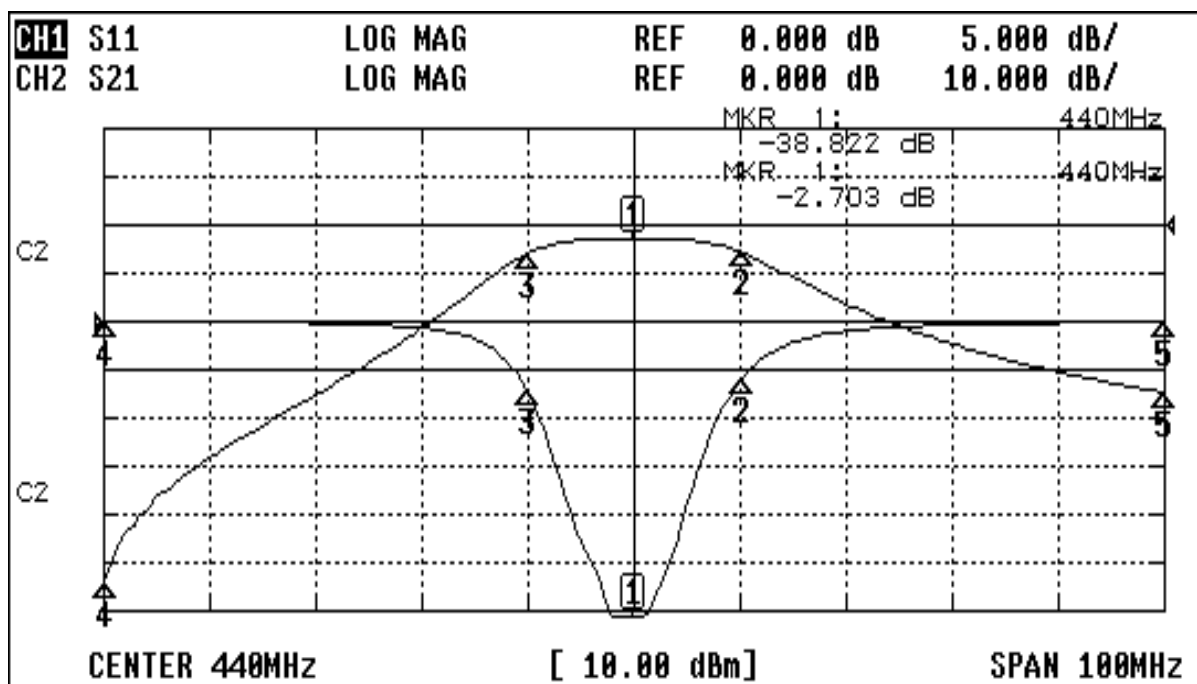


Approval C.Y.Chang	Supervisor C.K.Chang	Designer Fun	Aperture size 5R3S(3.8*4.7)(4.71) (5HW024LB3)
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TEMWELL CORPORATION

Performance-K3RFT-440M-18M

200904115CD



CH1 MARKER LIST

1	440.000MHz	-38.930 dB
2	450.250MHz	-7.854 dB
3	430.000MHz	-7.192 dB
4	390.000MHz	-0.000 dB
5	490.000MHz	-0.056 dB

CH2 MARKER LIST

1	440.000MHz	-2.703 dB
2	450.250MHz	-5.741 dB
3	430.000MHz	-5.801 dB
4	390.000MHz	-75.035 dB
5	490.000MHz	-34.657 dB