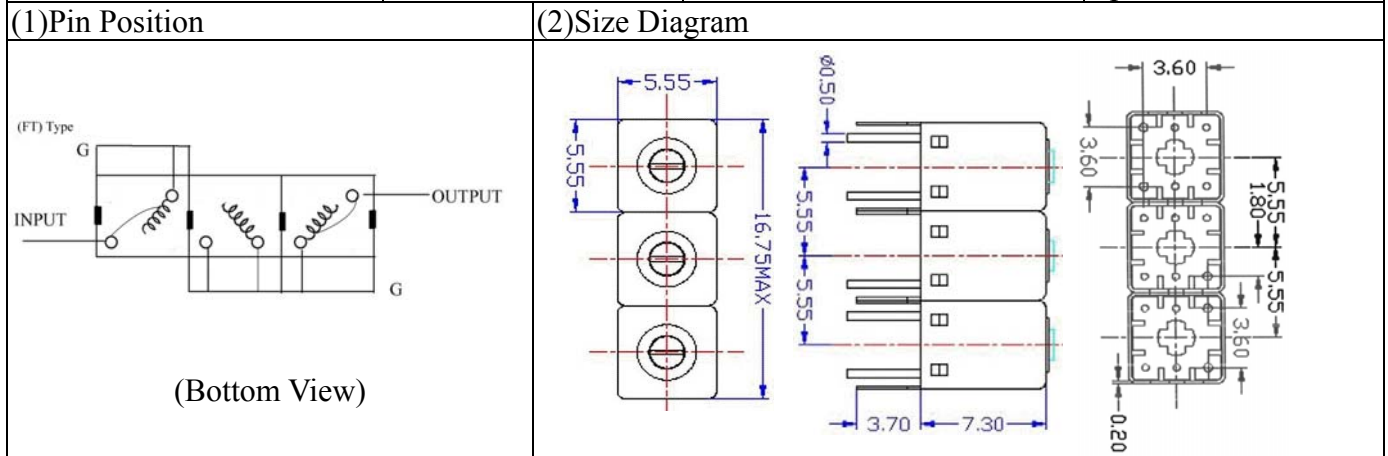


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	K3RFT-450M-18M
Approval No. /dated	0904109CD	Temwell's Print Name	K3RFT 450M
Work Instruction No.	200904109CD	Date	Apr.27.2009



(3) Electric Characteristic

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	450 MHz	450 MHz	
Tunable Range:	450±3 MHz	450±3 MHz	
Insertion Loss	Typ. 4.0 dB	2.28 dB	
-3 dB Bandwidth	Typ. 18 MHz	21.1 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 28 dBc	57 dBc
	Fo + 50 MHz	Typ. 25 dBc	32 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo + ()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	36.2 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

(4) Torque for Tuning Screw > 60gf · cm

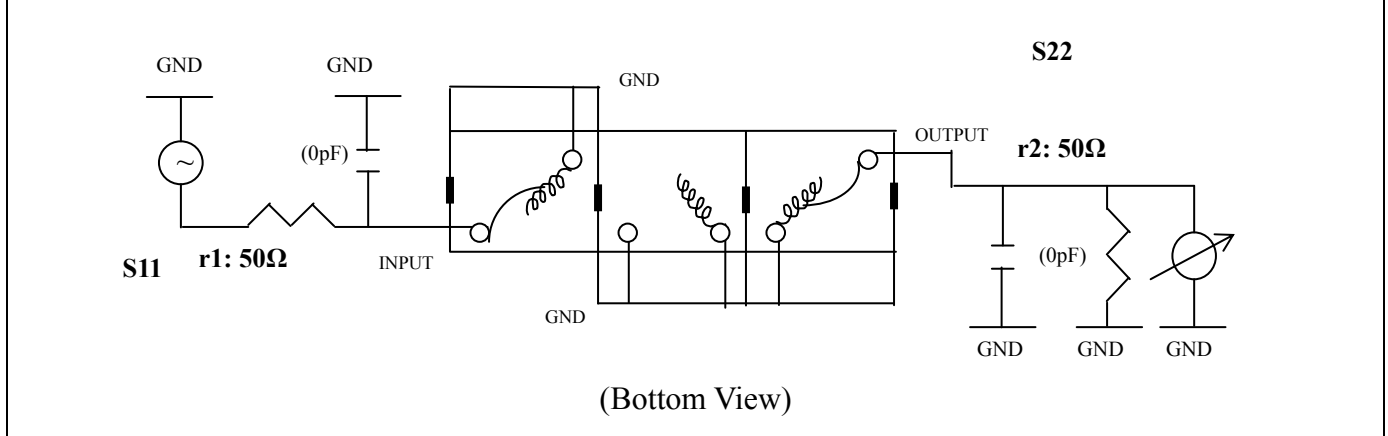
(5) Temperature Condition:

Operating Temperature	0°C ~ +60°C
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Storage Temperature	-20°C ~ +70°C
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(6) Input Power > 0.5Watt

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

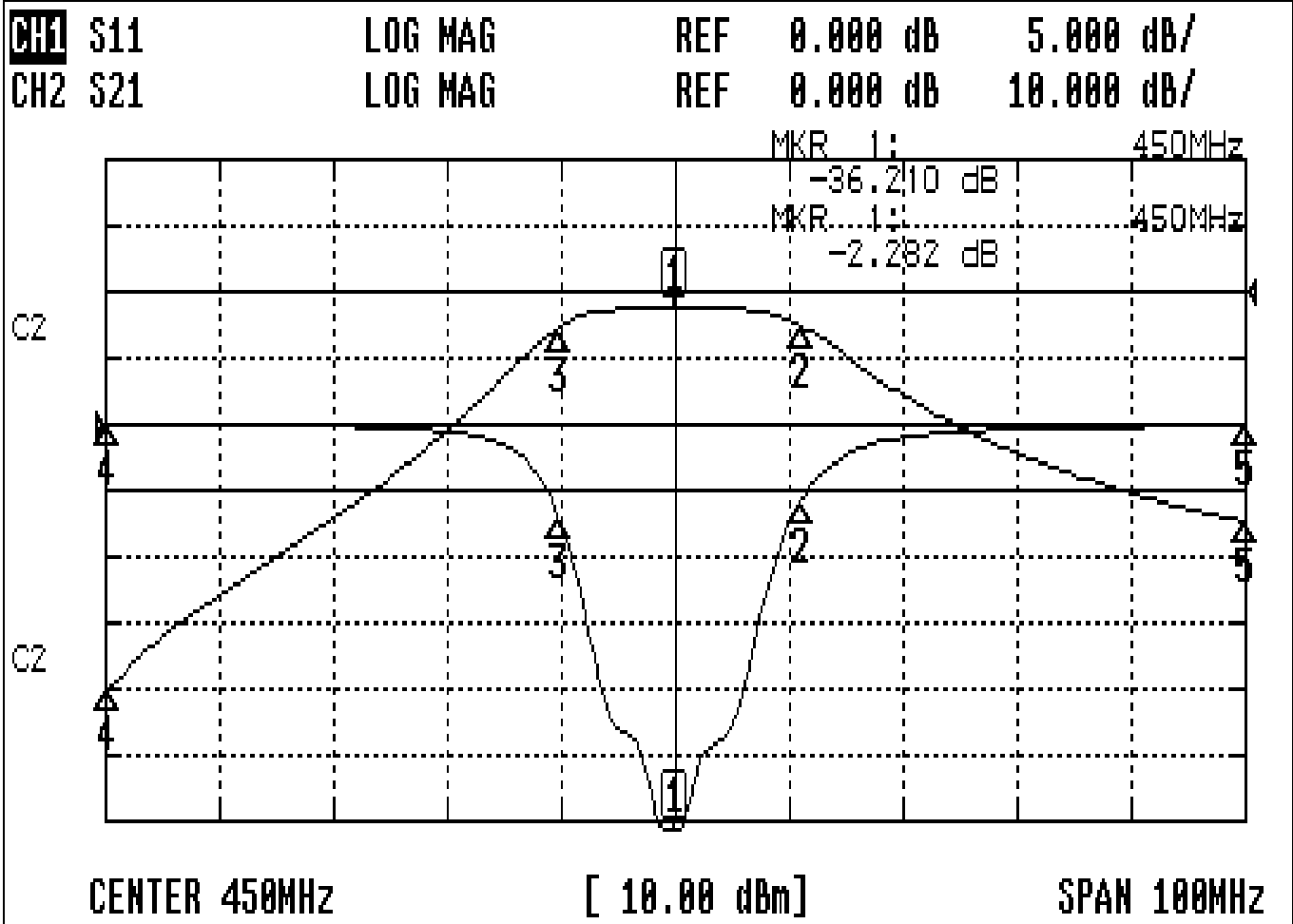


Approval C.Y.Chang	Supervisor C.K.Chang	Designer W.W.Wang	Aperture size 5R3S(3.8*4.2)(4.23) (5HW024LB3)
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TEMWELL CORPORATION

Performance-K3RFT-450M-18M

200904109CD



CH1 MARKER LIST

1:	450.000MHz	-36.210 dB
2:	461.083MHz	-5.750 dB
3:	439.916MHz	-7.073 dB
4:	400.000MHz	-0.009 dB
5:	500.000MHz	-0.076 dB

CH2 MARKER LIST

1:	450.000MHz	-2.282 dB
2:	461.083MHz	-5.244 dB
3:	439.916MHz	-5.211 dB
4:	400.000MHz	-60.114 dB
5:	500.000MHz	-34.801 dB