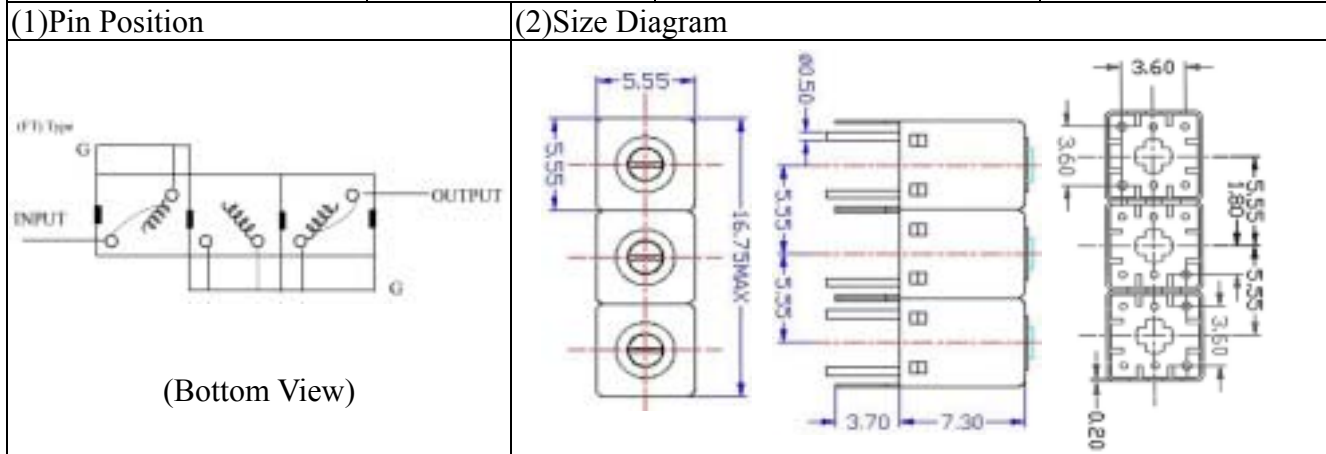


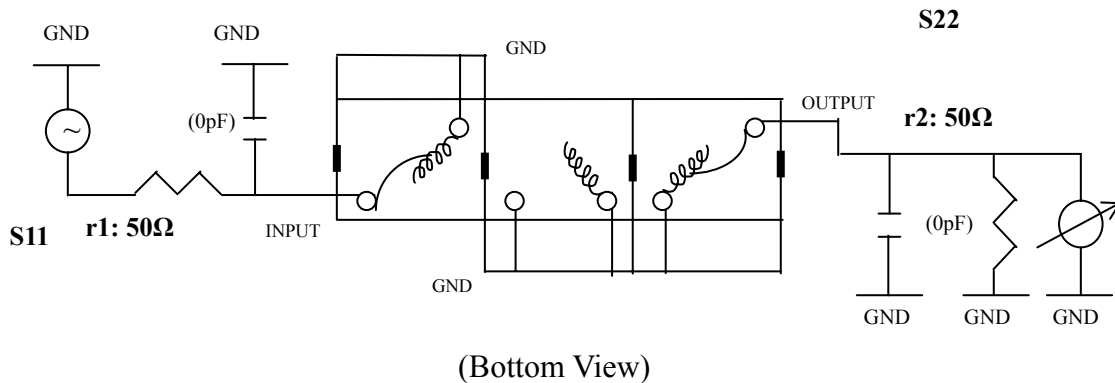
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	K3RFT-430M-18M
Approval No. /dated	0904108CD	Temwell's Print Name	K3RFT 430M
Work Instruction No.	200904108CD	Date	APR.24.2009



(3)Electric Charasteric		Item	Specify
		Center Freq.(Fo) +/- 0.5 %	430 MHz
		Tunable Range:	430±3 MHz
		Insertion Loss	Typ. 4.0 dB
		-3 dB Bandwidth	Typ. 18 MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 52 dBc	
	Fo + 50 MHz	Typ. 31 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.S.Chang	W.W.Wang	5R3(3.8*4.7)(4.72) (5H024RB3)

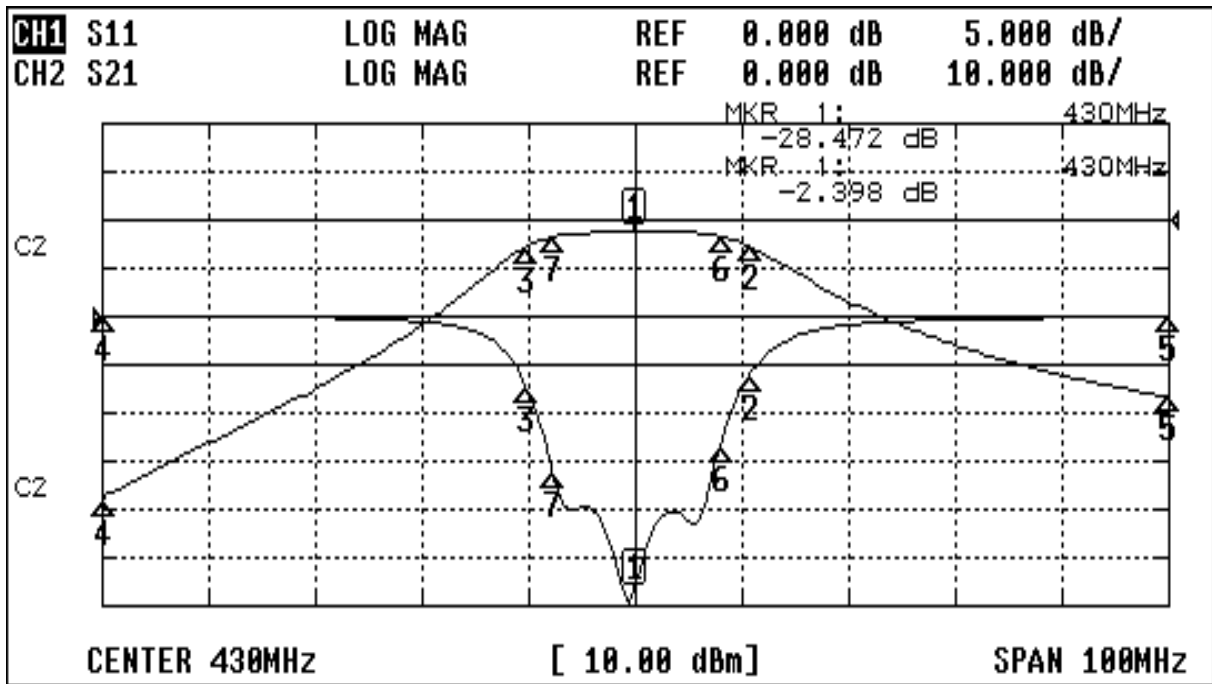
TEMWELL CORPORATION

TEMWELL

Form10-5R3FT Vision D RP(w.w.w)

Performance-K3RFT-430M-18M

200904108CD



CH1 MARKER LIST			
1	430.0000MHz	-28.476	dB
2	440.7500MHz	-6.066	dB
3	419.9160MHz	-7.366	dB
4	380.0000MHz	0.001	dB
5	480.0000MHz	0.051	dB
6	438.0000MHz	-13.551	dB
7	422.4160MHz	-6.371	dB

CH2 MARKER LIST			
1	430.0000MHz	-2.398	dB
2	440.7500MHz	-4.008	dB
3	419.9160MHz	-3.922	dB
4	380.0000MHz	0.061	dB
5	480.0000MHz	-7.009	dB
6	438.0000MHz	-3.289	dB
7	422.4160MHz	-3.992	dB