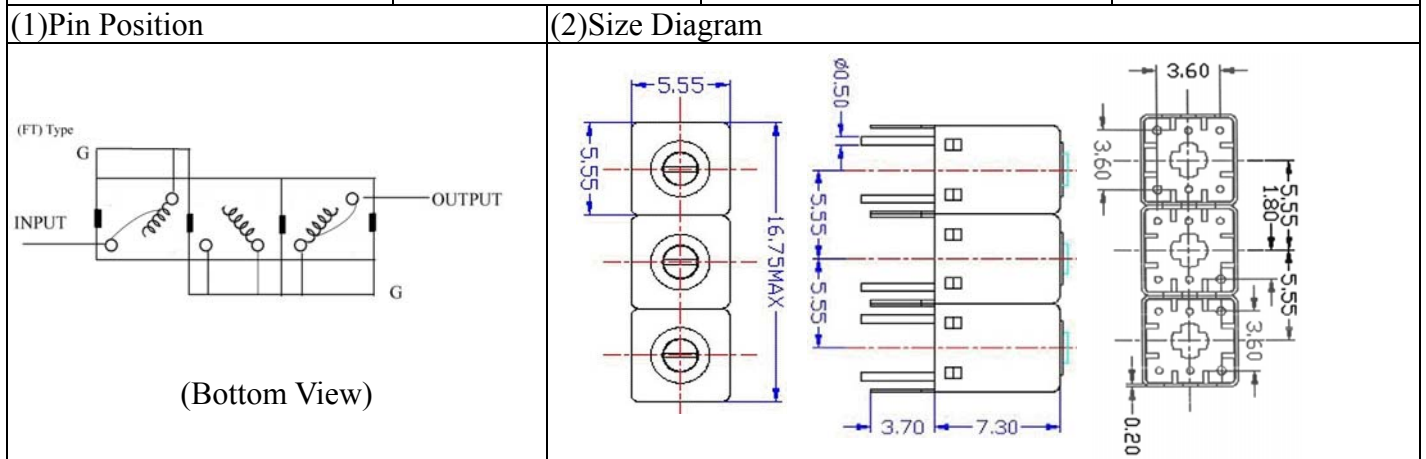


VHF UHF Helical Filter Specification Sheet

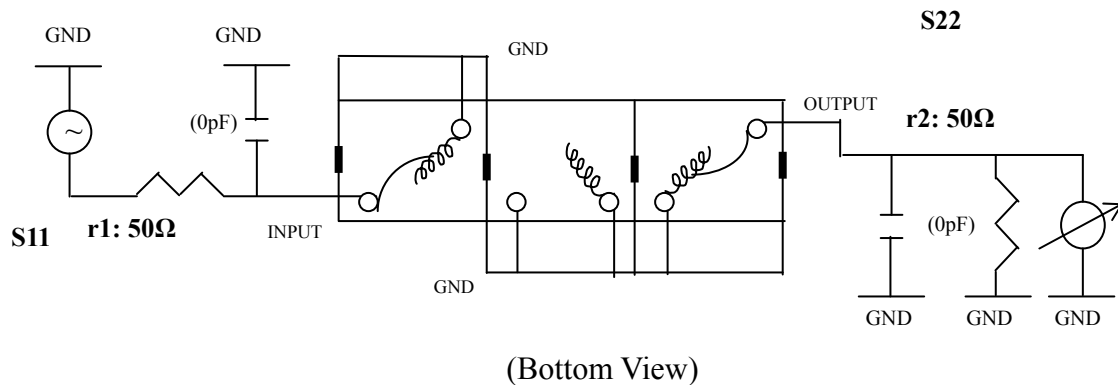
Customer Name		Temwell's Part No.	K3RFT-430M-18M
Approval No. /dated	0904108CD	Temwell's Print Name	K3RFT 430M
Work Instruction No.	200904108CD	Date	APR.24.2009



(3) Electric Characteristic			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		430 MHz	430 MHz
Tunable Range:		430±3 MHz	430±3 MHz
Insertion Loss		Typ. 4.0 dB	2.39 dB
-3 dB Bandwidth		Typ. 17 MHz	20.8 MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 52 dBc	55 dBc
	Fo + 50 MHz	Typ. 31 dBc	34 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo + ()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	28.4 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
Storage Temperature	-20°C ~ +70°C
(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

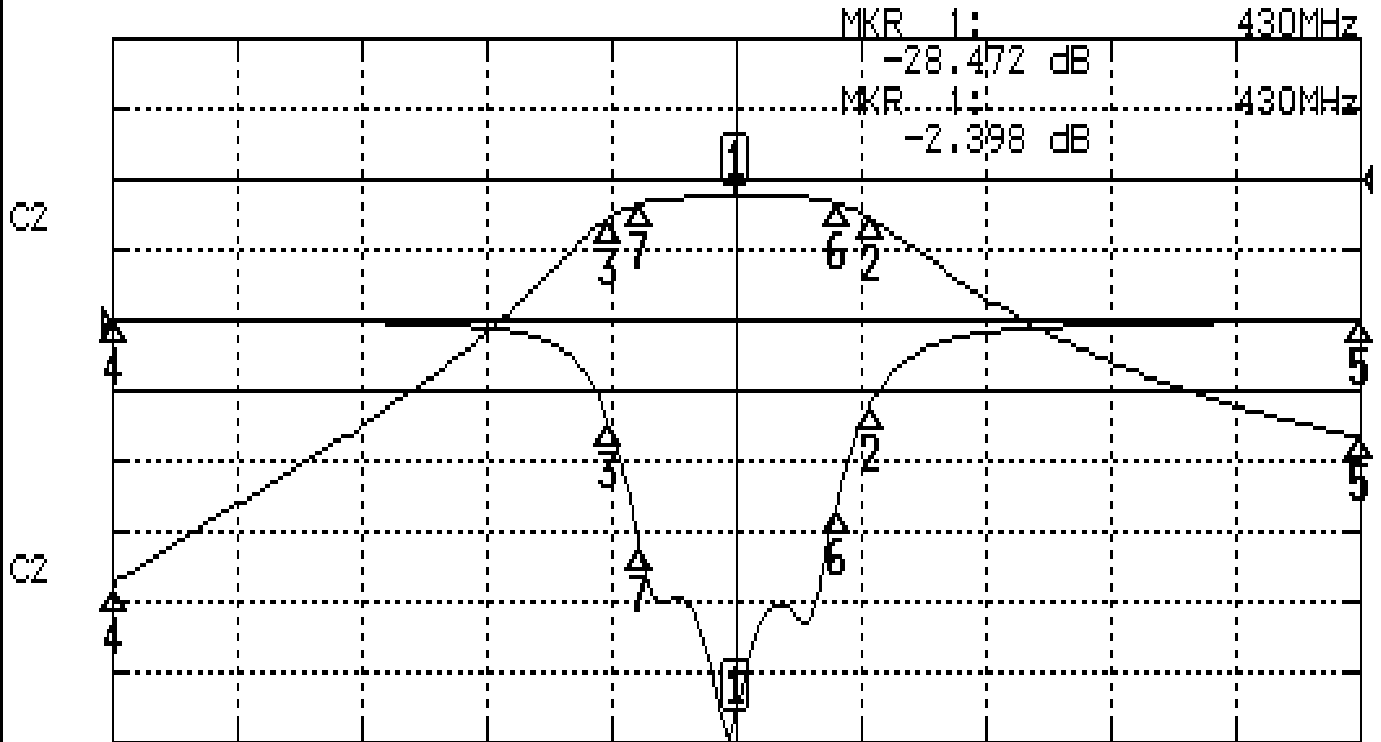
TEMWELL

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

Performance-K3RFT-430M-18M

200904108CD

CH1 S11 LOG MAG REF 0.000 dB 5.000 dB/
CH2 S21 LOG MAG REF 0.000 dB 10.000 dB/



CENTER 430MHz

[10.00 dBm]

SPAN 100MHz

CH1 MARKER LIST

1:	430.000MHz	-28.476	dB
2:	440.750MHz	-6.066	dB
3:	419.916MHz	-7.366	dB
4:	380.000MHz	-0.001	dB
5:	480.000MHz	-0.051	dB
6:	438.000MHz	-13.551	dB
7:	422.416MHz	-16.371	dB
8:			
9:			
10:			

CH2 MARKER LIST

1:	430.000MHz	-2.398	dB
2:	440.750MHz	-5.400	dB
3:	419.916MHz	-5.392	dB
4:	380.000MHz	-0.061	dB
5:	480.000MHz	-3.709	dB
6:	438.000MHz	-3.328	dB
7:	422.416MHz	-3.392	dB
8:			
9:			
10:			