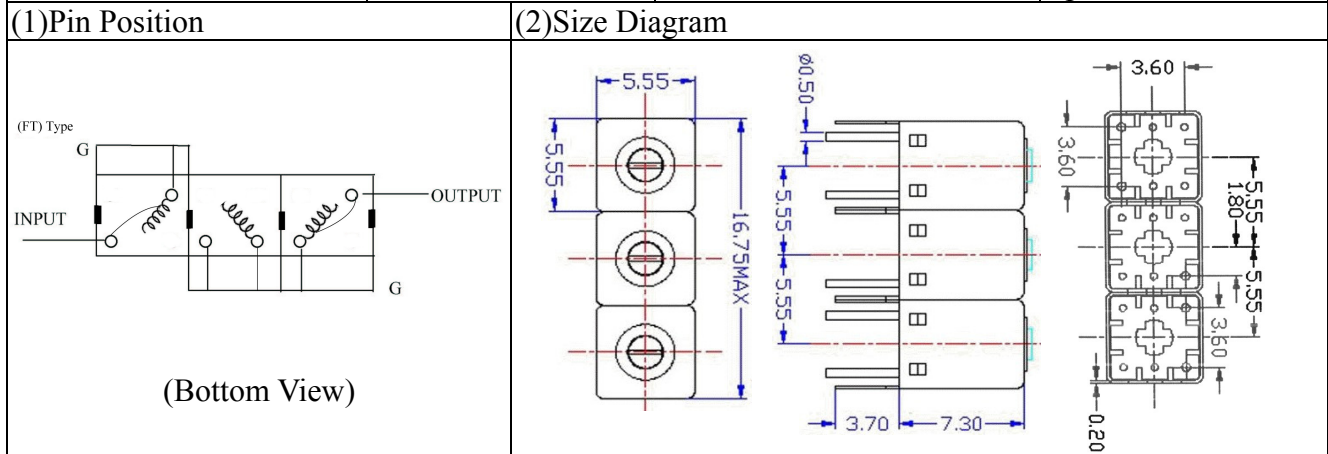


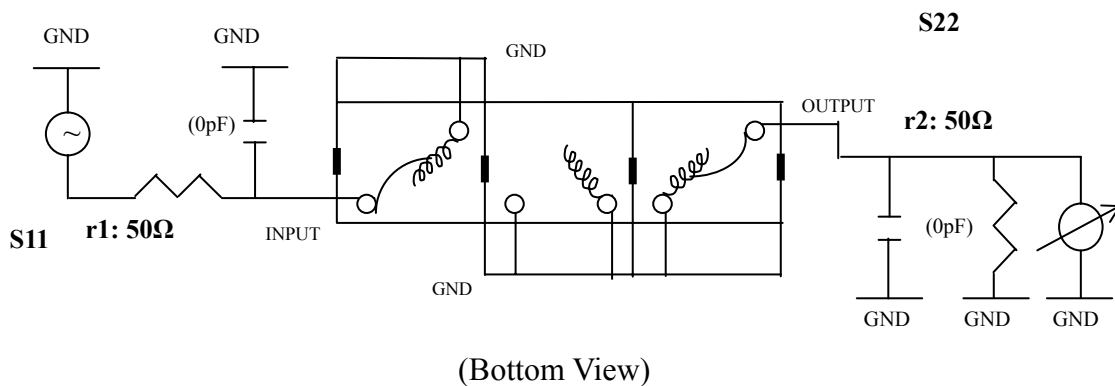
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	K3RFT-420M-16M
Approval No. /dated	0904114CD	Temwell's Print Name	K3RFT 420M
Work Instruction No.	200904114CD	Date	Apr.27.2009



(3) Electric Characteristic	
Item	Specify
Center Freq.(Fo) +/- 0.5 %	420 MHz
Insertion Loss	Typ. 4.0 dB
-3 dB Bandwidth	Typ. 16 MHz
Sensitivity (Attenuation)	Fo - 50 MHz Typ. 32 dBc
	Fo + 50 MHz Typ. 27 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°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).

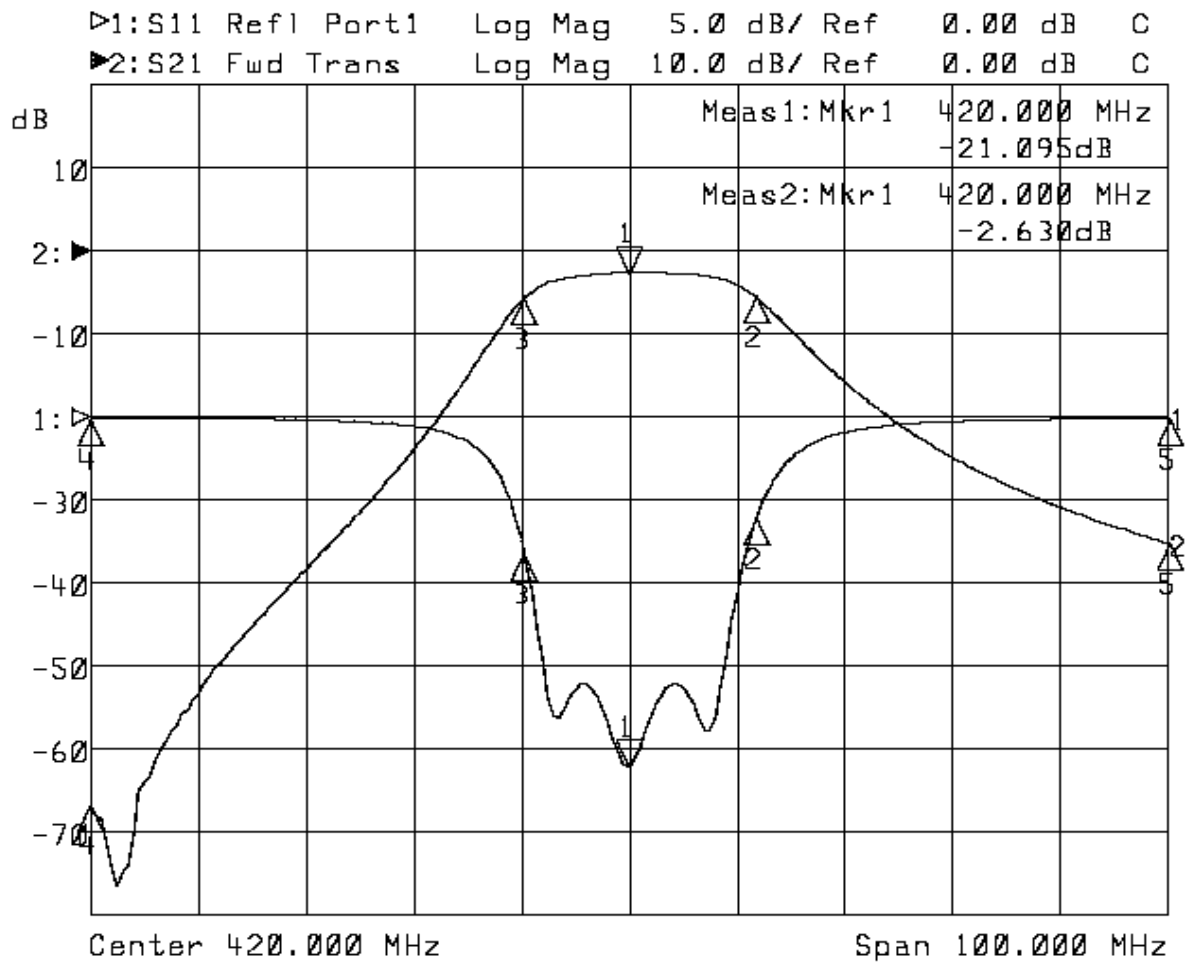


Approval C.Y.Chang	Supervisor C.K.Chang	Designer Y.M.Kang	Aperture size 5R3S(3.8*4.7)(4.73) (5HW024LB3)
-----------------------	-------------------------	----------------------	---

TEMWELL CORPORATION

Performance-K3RFT-420M-16M

200904114CD



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 420.0000	-21.095	1> 420.0000	-2.630
2: 431.8000	-6.091	2: 431.8000	-5.607
3: 410.3000	-8.214	3: 410.3000	-5.661
4: 370.0000	-0.070	4: 370.0000	-66.741
5: 470.0000	-0.118	5: 470.0000	-35.283