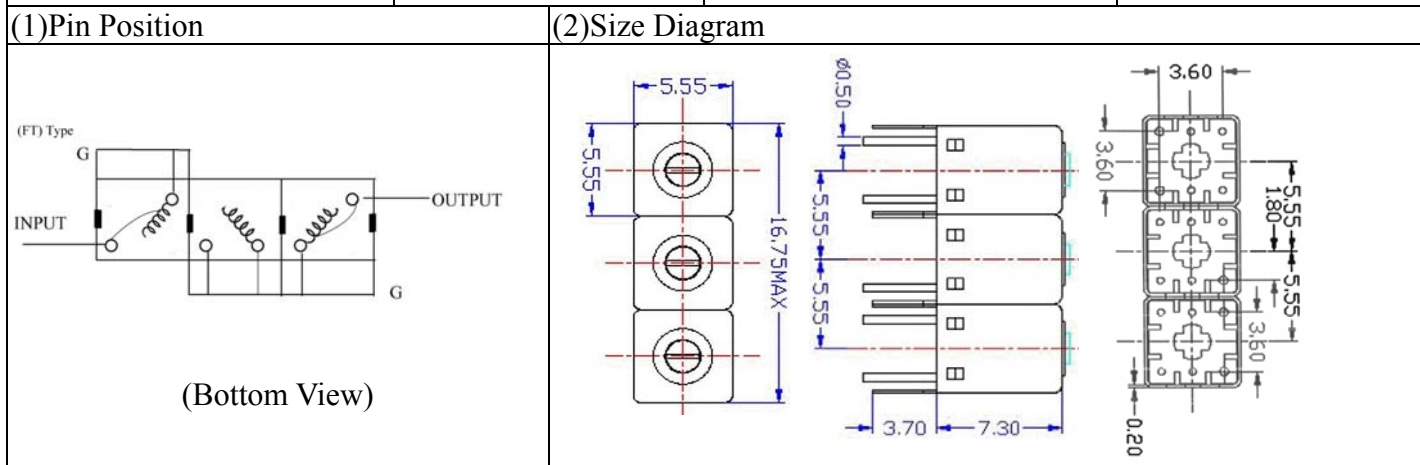


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	K3RFT-370M-20M
Approval No. /dated	1001002CD	Temwell's Print Name	K3RFT 370M
Work Instruction No.	201001002CD	Date	Jan.28.2010



(3) Electric Characteristic

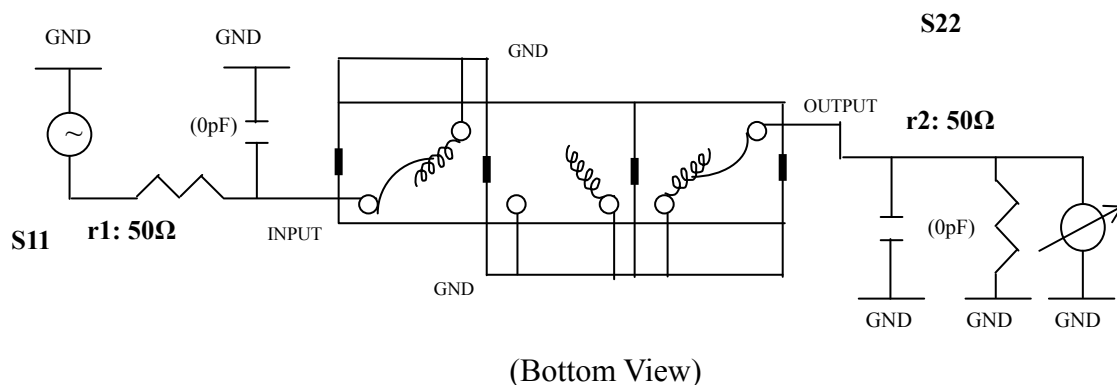
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	370 MHz	370 MHz	
Insertion Loss	Typ. 4.0 dB	2.09 dB	
-3 dB Bandwidth	Typ. 20 MHz	22.6 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 33 dBc	43 dBc
	Fo + 50 MHz	Typ. 25 dBc	39 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo + ()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	23.6 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

(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 F.L.Lai	Aperture size 5R3S(3.8*3.7)(3.75) 5HW020RB3.5
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TEMWELL CORPORATION

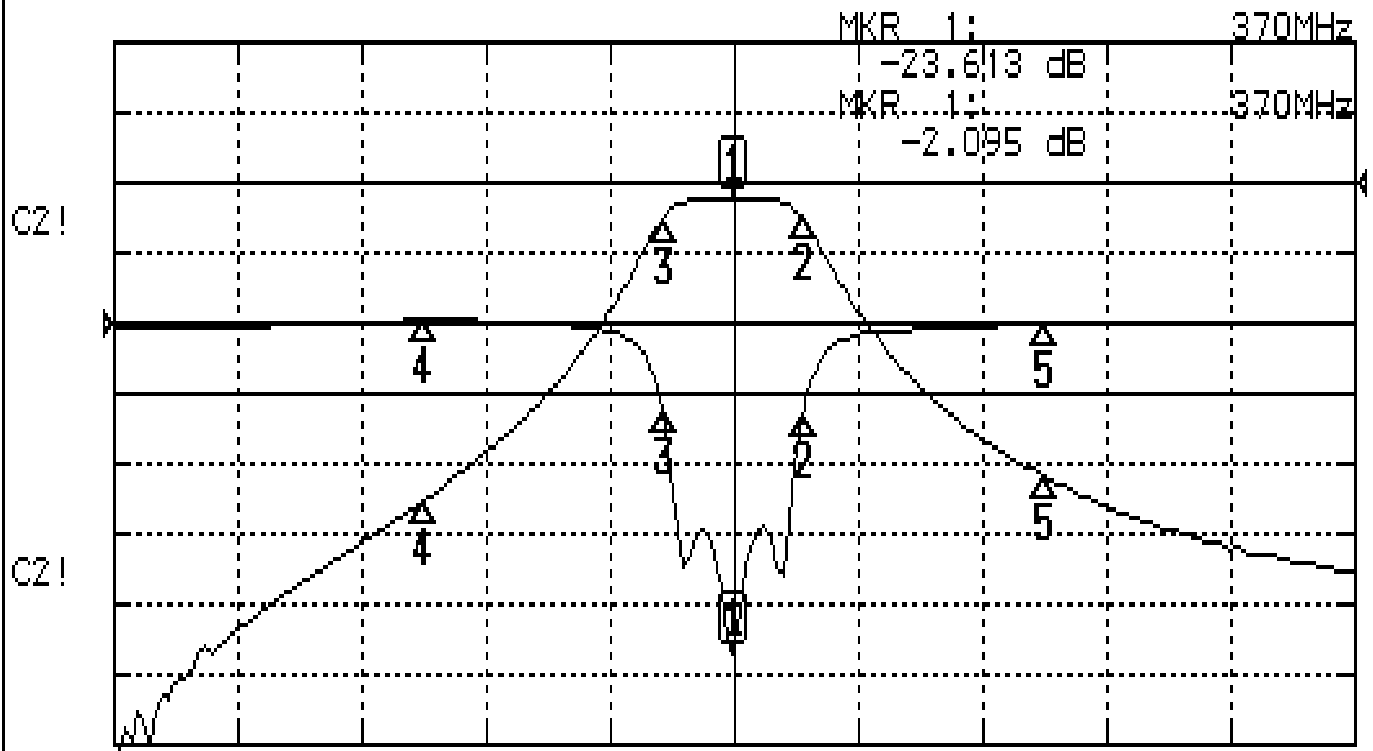
TEMWELL

Form10-5R3FT Vision D RP(F.L.L)

Performance-K3RFT-370M-20M

201001002CD

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



CENTER 370MHz

[10.00 dBm]

SPAN 200MHz

CH1 MARKER LIST

1:	370.000MHz	-23.613	dB
2:	381.166MHz	-6.544	dB
3:	358.583MHz	-6.362	dB
4:	320.000MHz	-0.187	dB
5:	420.000MHz	-0.039	dB
6:			
7:			
8:			
9:			
10:			

CH2 MARKER LIST

1:	370.000MHz	-2.094	dB
2:	381.166MHz	-1.049	dB
3:	358.583MHz	-1.051	dB
4:	320.000MHz	-45.131	dB
5:	420.000MHz	-41.847	dB
6:			
7:			
8:			
9:			
10:			