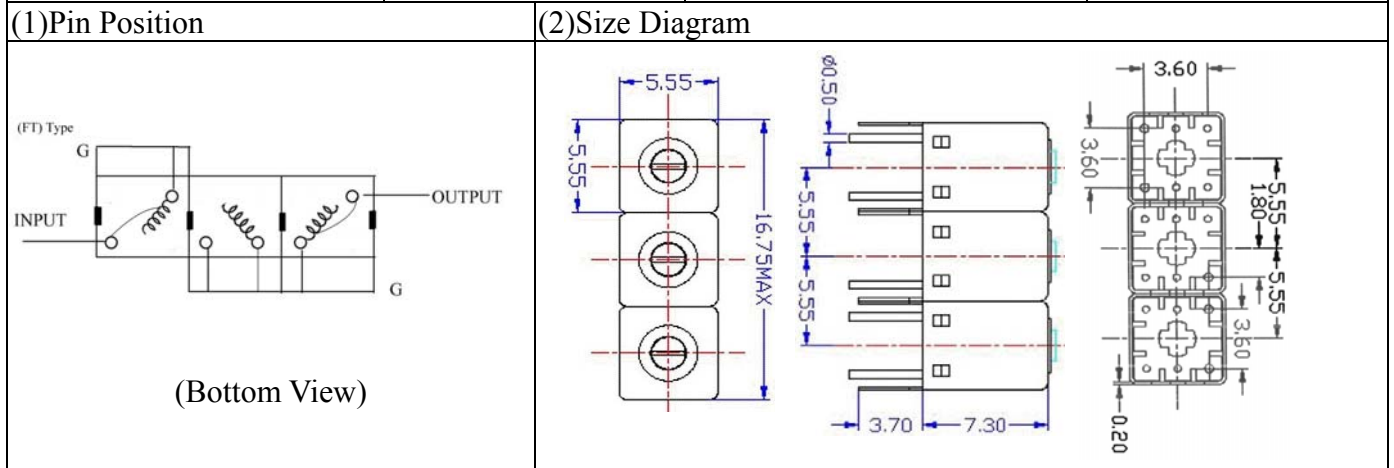


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	K3RFT-390M-20M
Approval No. /dated	1001003CD	Temwell's Print Name	K3RFT 390M
Work Instruction No.	201001003CD	Date	Jan.29.2010



(3) Electric Characteristic

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	390 MHz	390 MHz	
Insertion Loss	Typ. 4.0 dB	2.28 dB	
-3 dB Bandwidth	Typ. 20 MHz	22.6 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 28 dBc	40 dBc
	Fo + 50 MHz	Typ. 24 dBc	38 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	27.6 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	
(4) Torque for Tuning Screw	> 60gf · cm		

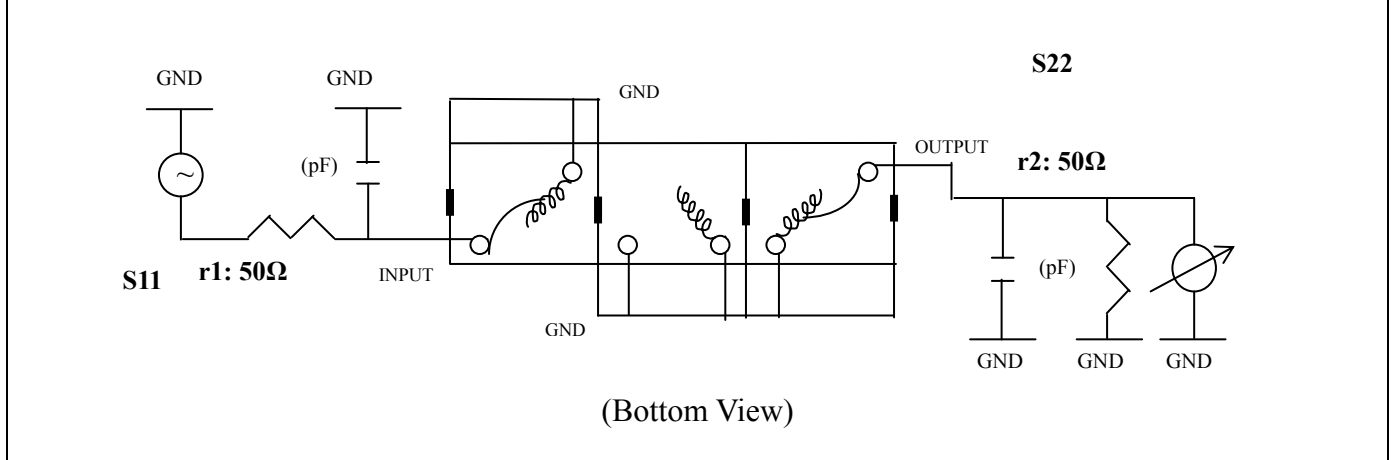
(5) Temperature Condition:

Operating Temperature	0°C ~ +60°C
Storage Temperature	-20°C ~ +70°C

(6) Input Power

> 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.K.Chang	F.L.Lai	5R3S(3.8*3.7)(3.74) 5HW020RB3.5

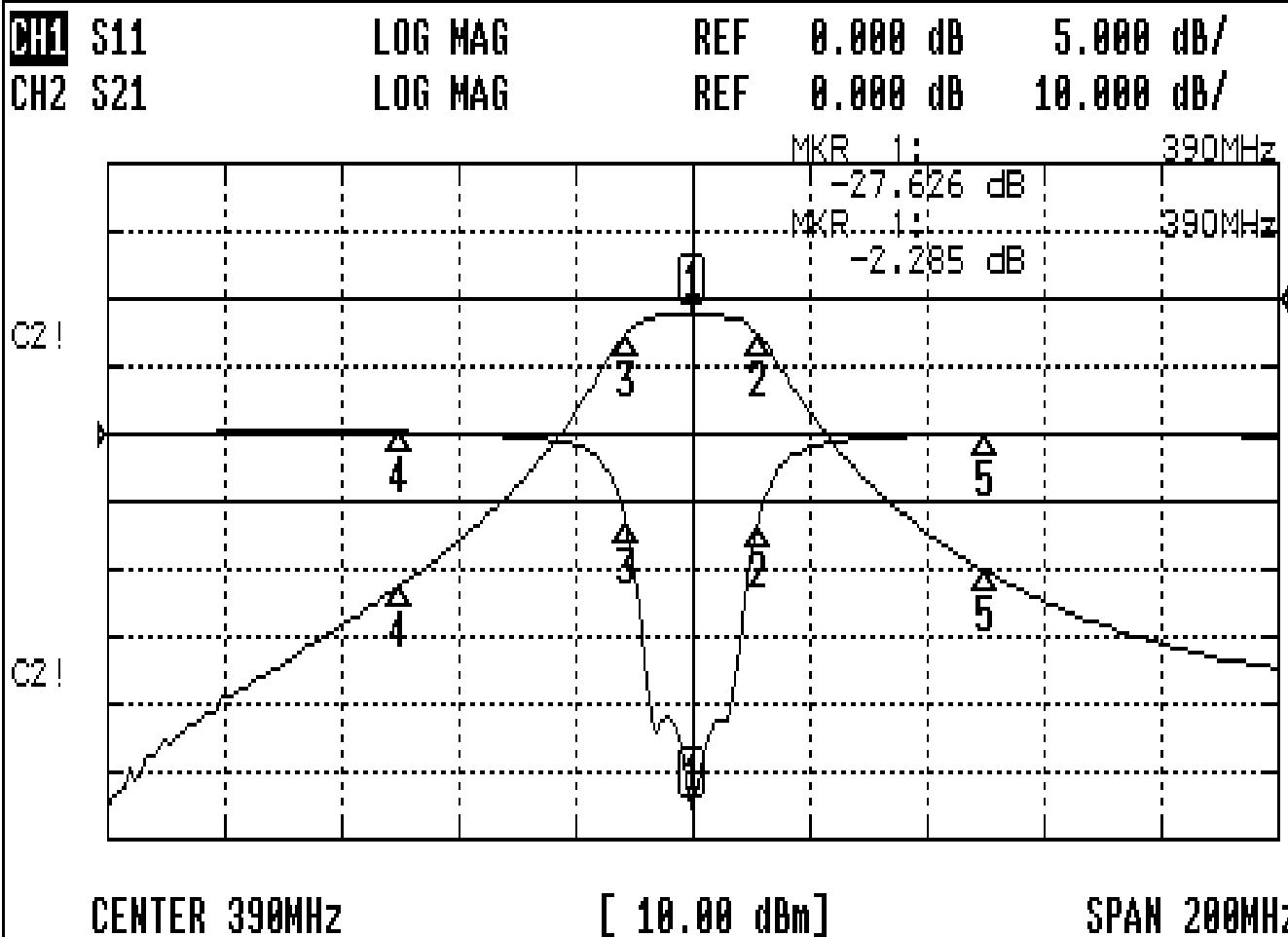
TEMWELL CORPORATION

TEMWELL

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

Performance-K3RFT-390M-20M

201001003CD



CH1 MARKER LIST

1:	390.000MHz	-27.626	dB
2:	401.200MHz	-6.695	dB
3:	378.600MHz	-6.309	dB
4:	340.000MHz	-0.173	dB
5:	440.000MHz	-0.011	dB

CH2 MARKER LIST

1:	390.000MHz	-2.285	dB
2:	401.200MHz	-15.239	dB
3:	378.600MHz	-15.257	dB
4:	340.000MHz	-42.502	dB
5:	440.000MHz	-40.288	dB