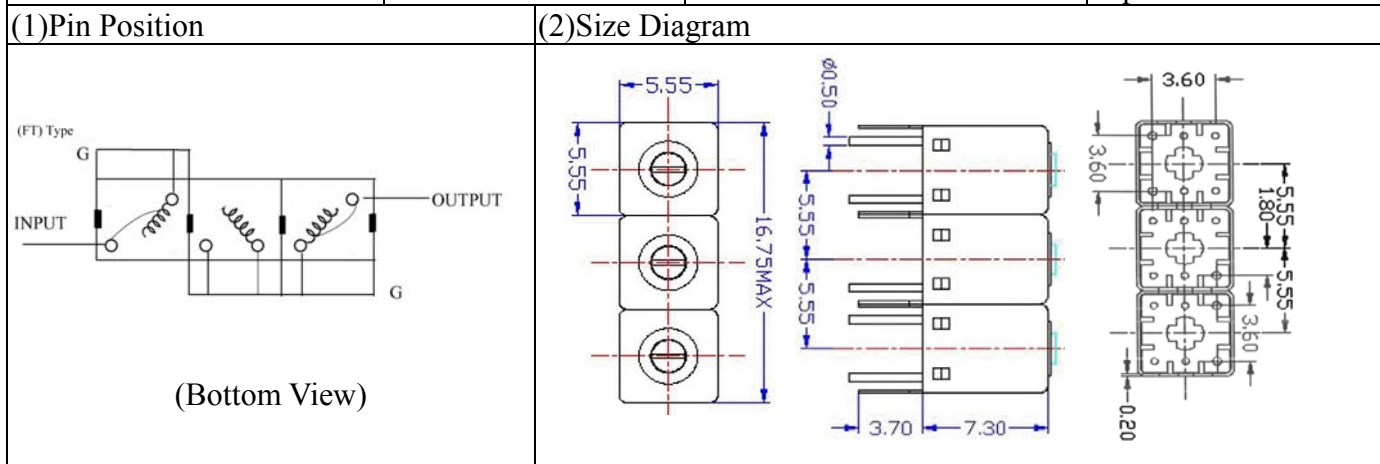


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	K3RFT-380M-20M
Approval No. /dated	201006083CD	Temwell's Print Name	K3RFT 380M
Work Instruction No.	201006083CD	Date	Sep.03.2010



(3) Electric Characteristic

Item	Specify	Performance	
Center Freq.(Fo ) +/- 0.5 %	380 MHz	380 MHz	
Insertion Loss	Typ. 4.0 dB	2.96 dB	
-3 dB Bandwidth	Typ. 20 MHz	21.5 MHz	
Sensitivity (Attenuation )	Fo - 50 MHz	Typ. 28 dBc	58 dBc
	Fo + 50 MHz	Typ. 26 dBc	34 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	19.3 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	
(4) Torque for Tuning Screw	> 60gf • cm		

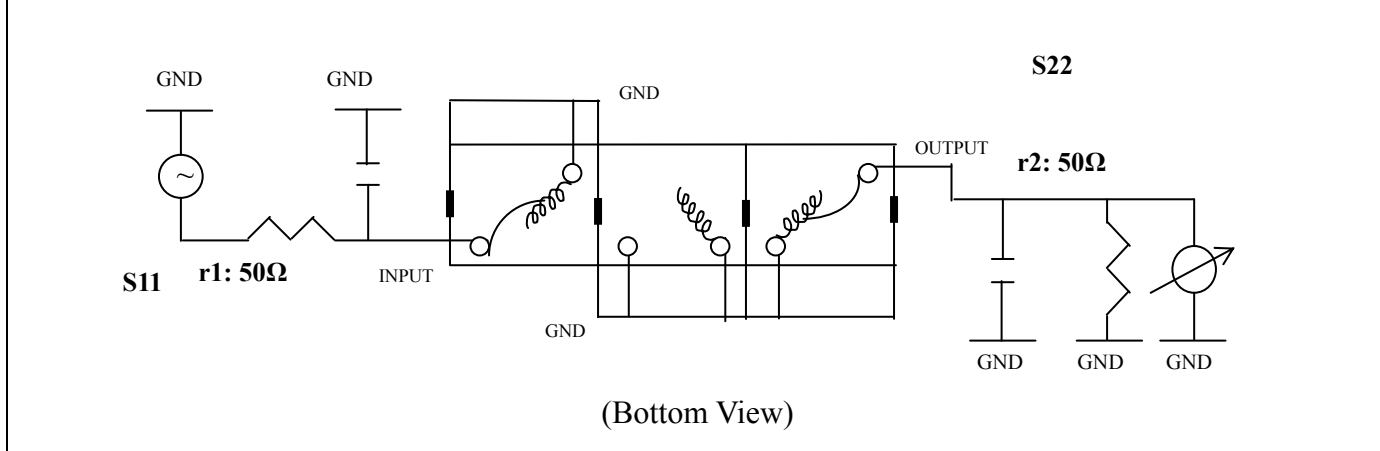
(5) Temperature Condition:

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(--)/ (--).



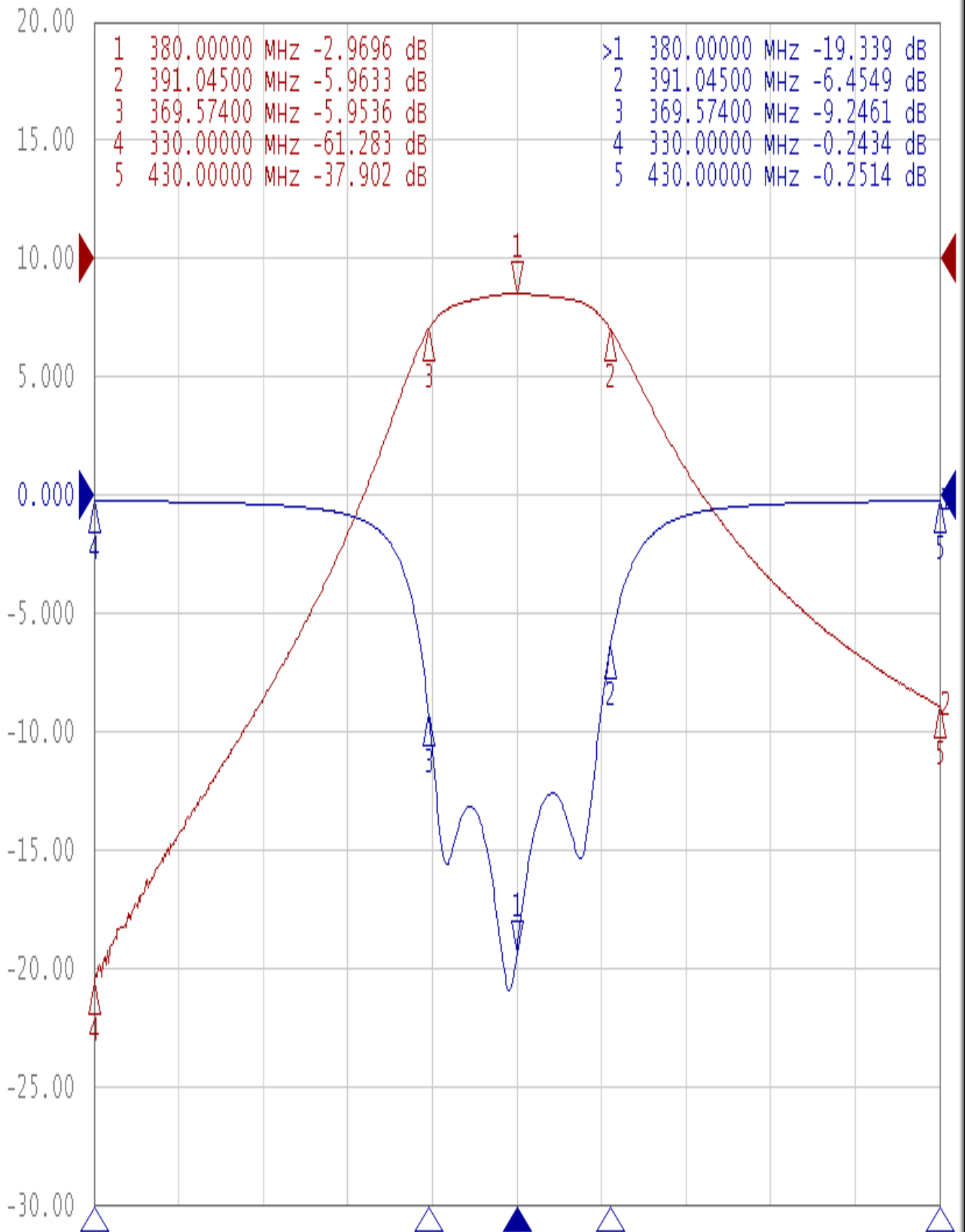
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	C.S.Chang	5R3S(3.8*4.65)(4.68) (5HW024LB3)

TEMWELL CORPORATION

# Performance-K3RFT-380M-20M

## 201006083CD

Tr1 S11 Log Mag 5.000dB/ Ref 0.000dB [F2]  
Tr2 S21 Log Mag 10.00dB/ Ref 0.000dB [F2]



1 Center 380 MHz

IFBW 10 kHz

Span 100 MHz Cor |