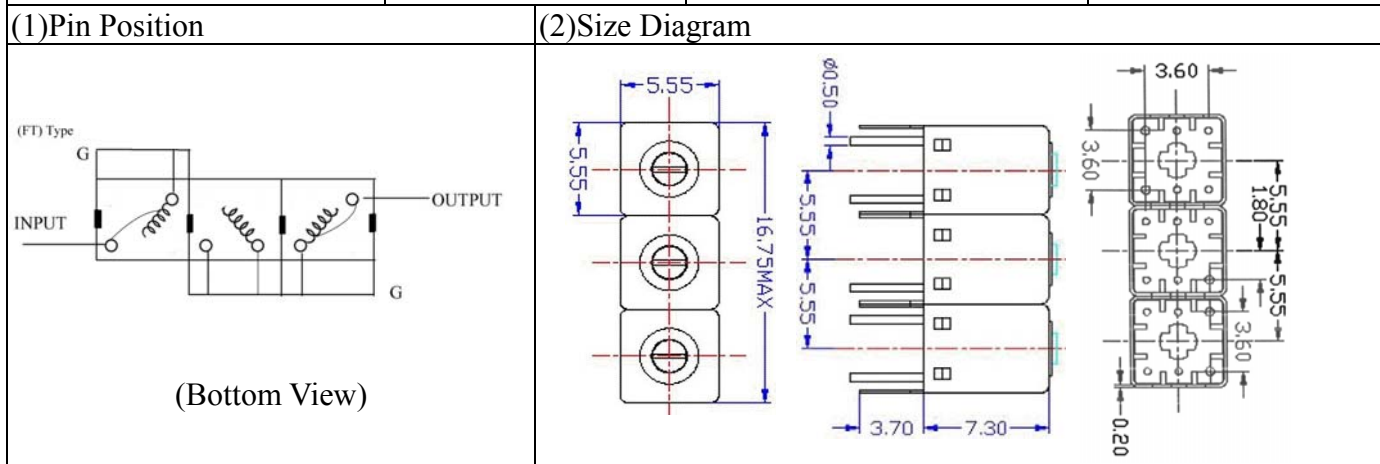


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	K3RFT-480M-18M
Approval No. /dated	0909059CD	Temwell's Print Name	K3RFT 480M
Work Instruction No.	200909059CD	Date	Oct.14.2009



(3) Electric Characteristic

Item	Specify	Performance	
Center Freq.(Fo ) +/- 0.5 %	480 MHz	480 MHz	
Insertion Loss	Typ. 4.0 dB	2.49 dB	
-3 dB Bandwidth	Typ. 18 MHz	22.5 MHz	
Sensitivity (Attenuation )	Fo - 50 MHz	Typ. 26 dBc	54 dBc
	Fo + 50 MHz	Typ. 22 dBc	33 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	21.5 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

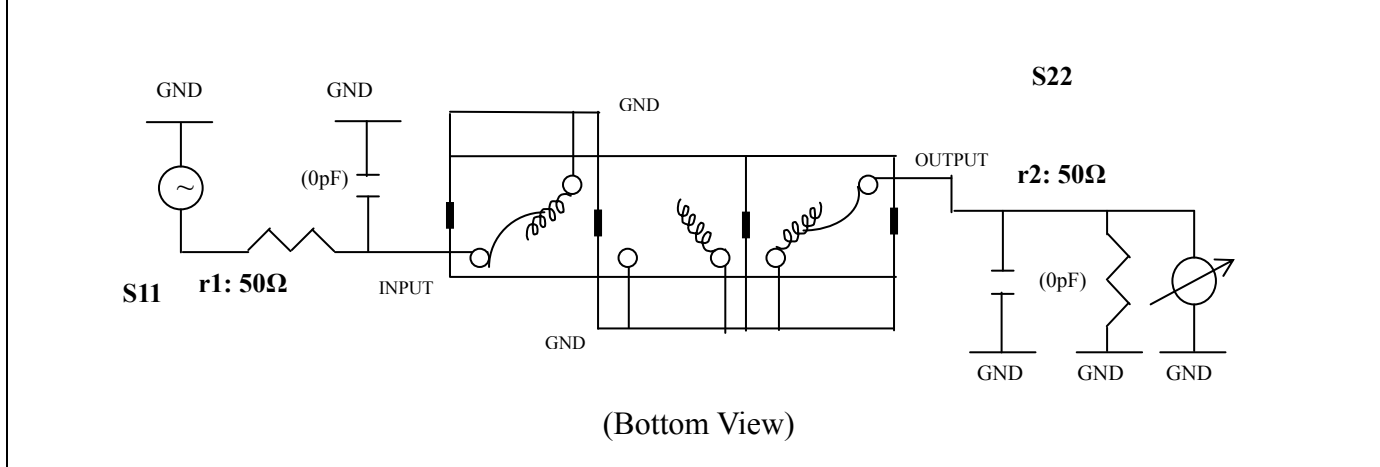
(4) Torque for Tuning Screw > 60gf • cm

(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).

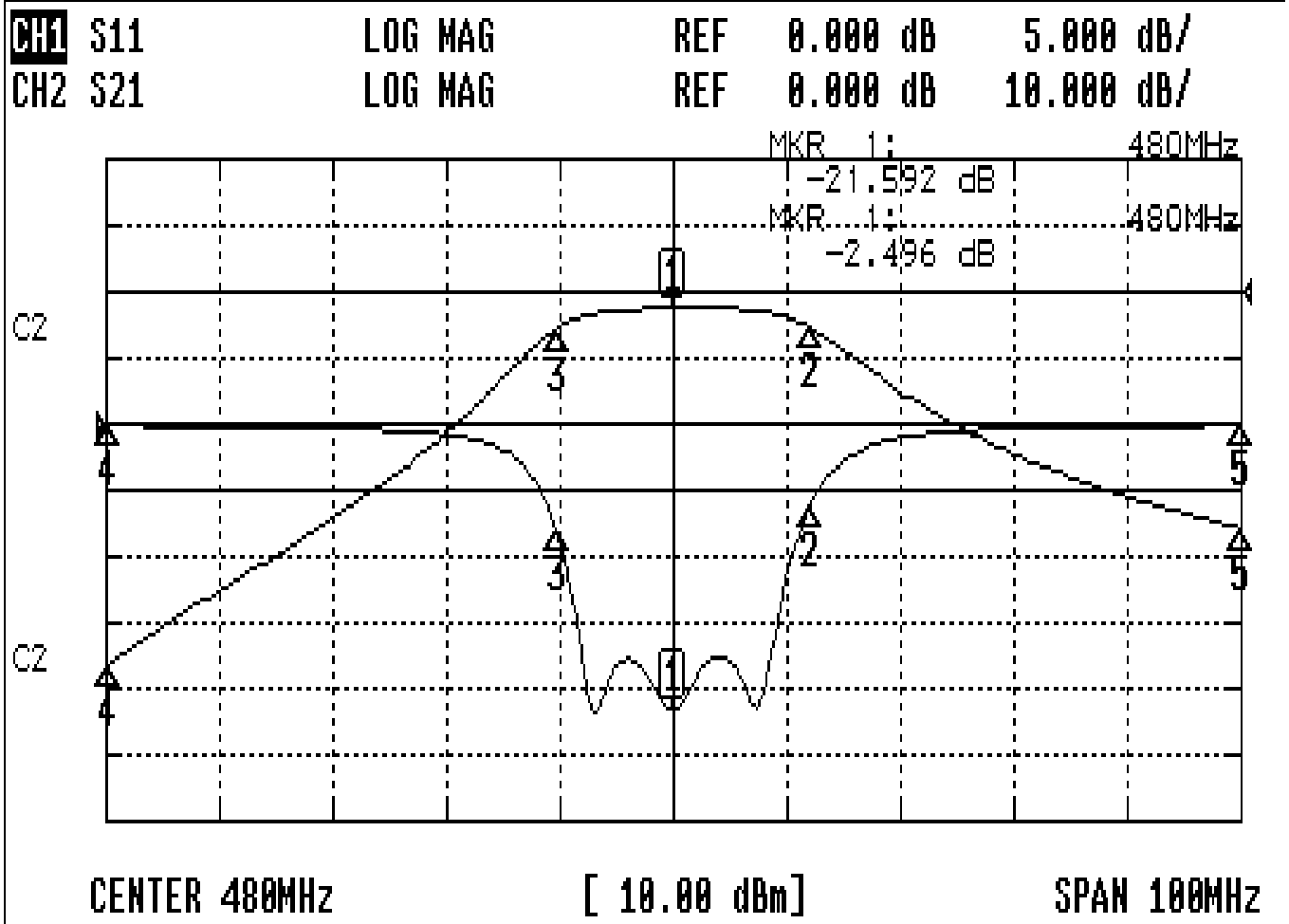


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	Y.M.Kang	5R3(3.8*4.2)(4.3) (5HW024LB3)

TEMWELL CORPORATION

# Performance-K3RFT-480M-18M

## 200909059CD



### CH1 MARKER LIST

1:	480.000MHz	-21.596 dB
2:	492.200MHz	-6.094 dB
3:	469.760MHz	-7.973 dB
4:	430.000MHz	-0.133 dB
5:	530.000MHz	-0.132 dB

### CH2 MARKER LIST

1:	480.000MHz	-2.496 dB
2:	492.200MHz	-5.495 dB
3:	469.760MHz	-5.492 dB
4:	430.000MHz	-56.761 dB
5:	530.000MHz	-35.677 dB