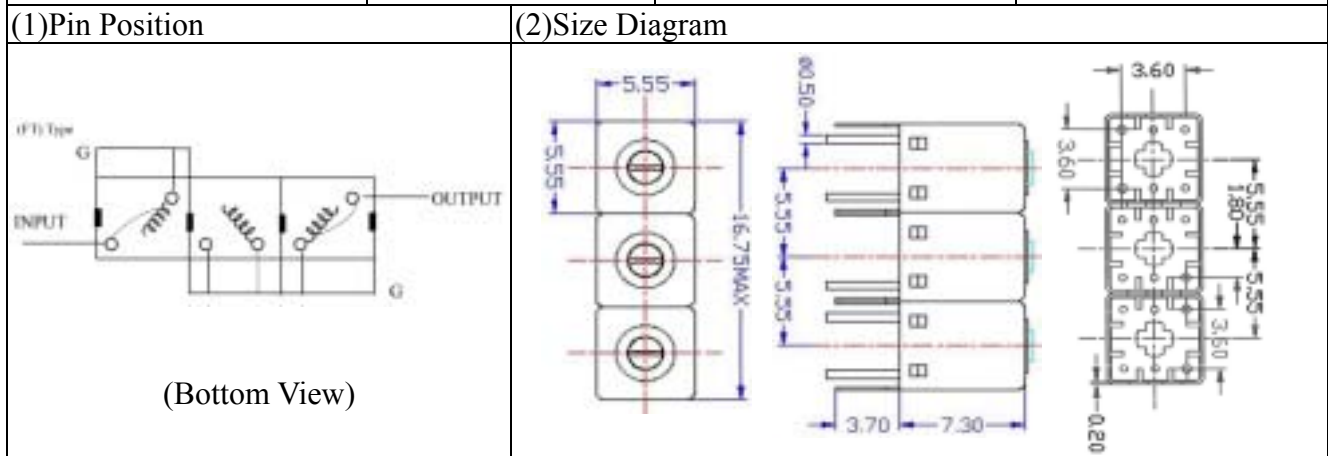


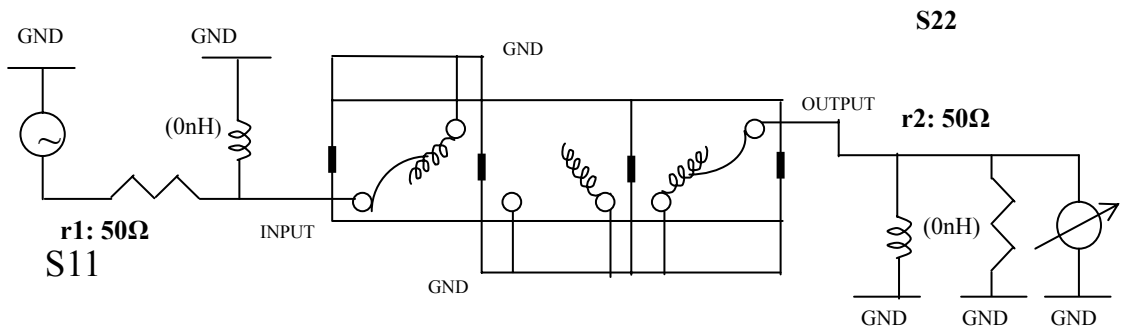
# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	K3RFT-460M-18M
Approval No. /dated	0904116CD	Temwell,s print name	K3RFT 460M
Work Instruction No.	200904116CD	Date	Jun.12.2009



(3)Electric Charasteric	
Item	Specify
Center Freq.(Fo ) +/- 0.5 %	460 MHz
Insertion Loss	Typ. 4.0 dB
-3 dB Bandwidth	Typ. 18 MHz
Sensitivity (Attenuation )	Fo - 50 MHz Typ. 28 dBc
	Fo + 50 MHz Typ. 23 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 ~ +60
Storage Temperature	-20 ~ +70
(6)Input Power	
> 0.5Watt	

(7)Measuring Circuit: Easy to match Impedance S11/S22 50Ω by parallel with about( 0nH) / (0 nH).



(Bottom View)

Approval C.Y.Chang	Supervisor C.K.Chang	Designer W.W.Wang	Aperture size 5W3S(3.8*4.7)(4.71) 5HW024LB3
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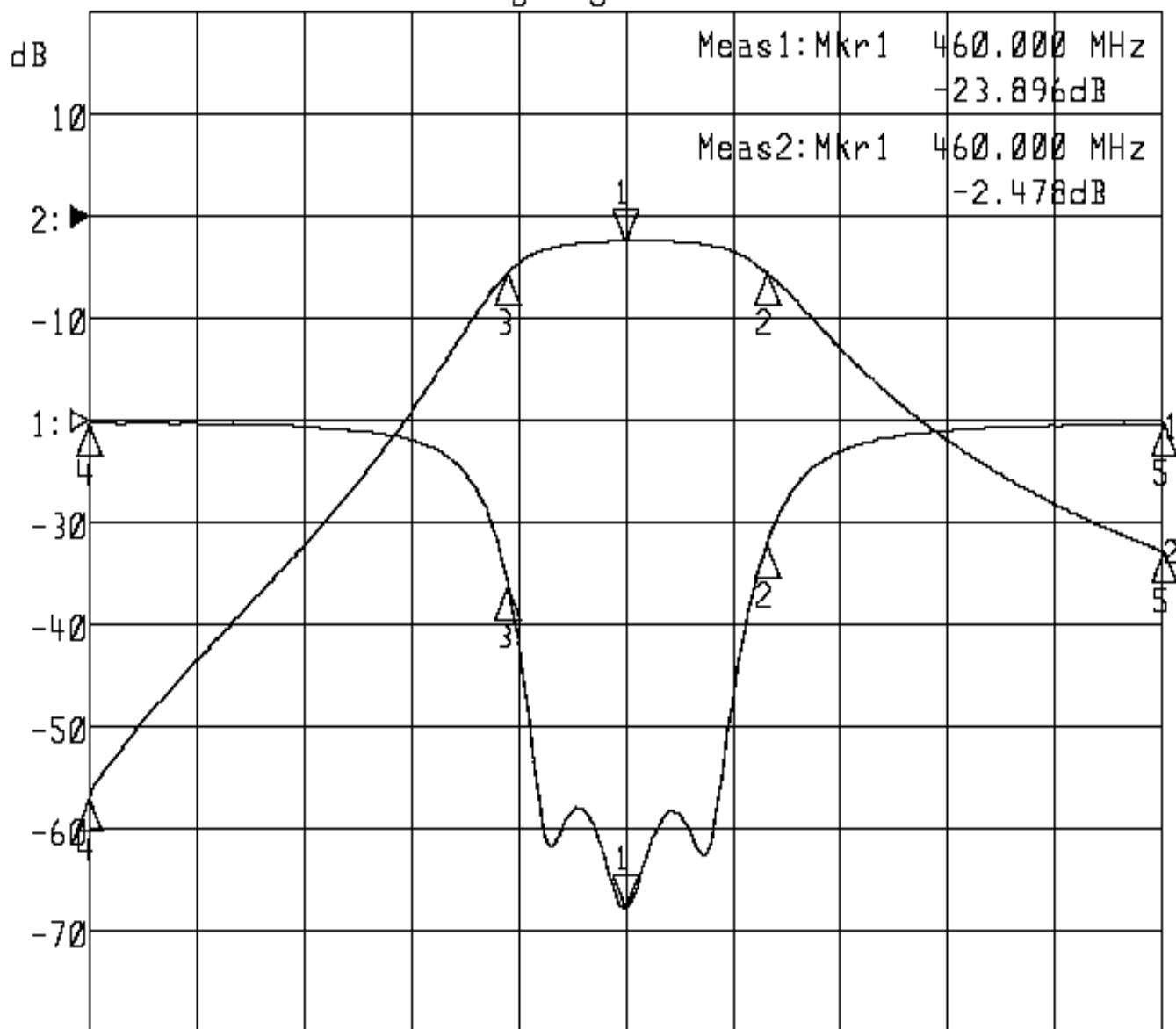
TEMWELL CORPORATION

# Performance-K3RFT-460M-18M

## 200904116CD

►1:S11 Refl Port1 Log Mag 5.0 dB/ Ref 0.00 dB C

►2:S21 Fwd Trans Log Mag 10.0 dB/ Ref 0.00 dB C



Center 460.000 MHz

Span 100.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 460.0000	-23.896	1> 460.0000	-2.478
2: 473.1000	-6.160	2: 473.1000	-5.440
3: 449.1000	-8.102	3: 449.1000	-5.417
4: 410.0000	-0.108	4: 410.0000	-57.035
5: 510.0000	-0.141	5: 510.0000	-32.743