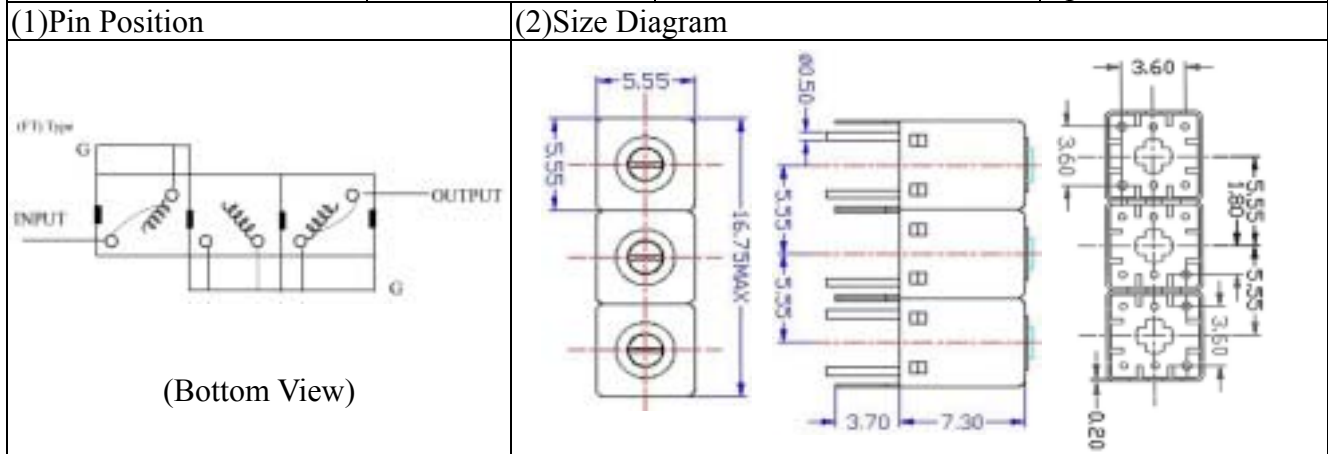


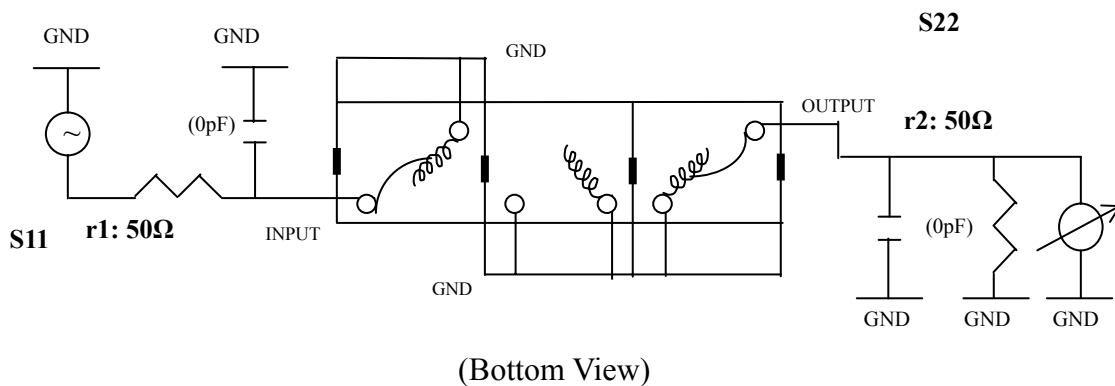
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	K3RFT-400M-15M
Approval No. /dated	0904113CD	Temwell's Print Name	K3RFT 400M
Work Instruction No.	200904113CD	Date	Apr.27.2009



(3)Electric Charasteric	
Item	Specify
Center Freq.(Fo) +/- 0.5 %	400 MHz
Insertion Loss	Typ. 4.0 dB
-3 dB Bandwidth	Typ. 15 MHz
Sensitivity (Attenuation)	Fo - 50 MHz Typ. 34 dBc
	Fo + 50 MHz Typ. 31 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(0pF) / (0pF).



Approval C.Y.Chang	Supervisor C.K.Chang	Designer Y.M.Kang	Aperture size 5R3S(3.8*4.2)(4.24) (5HW024LB3)
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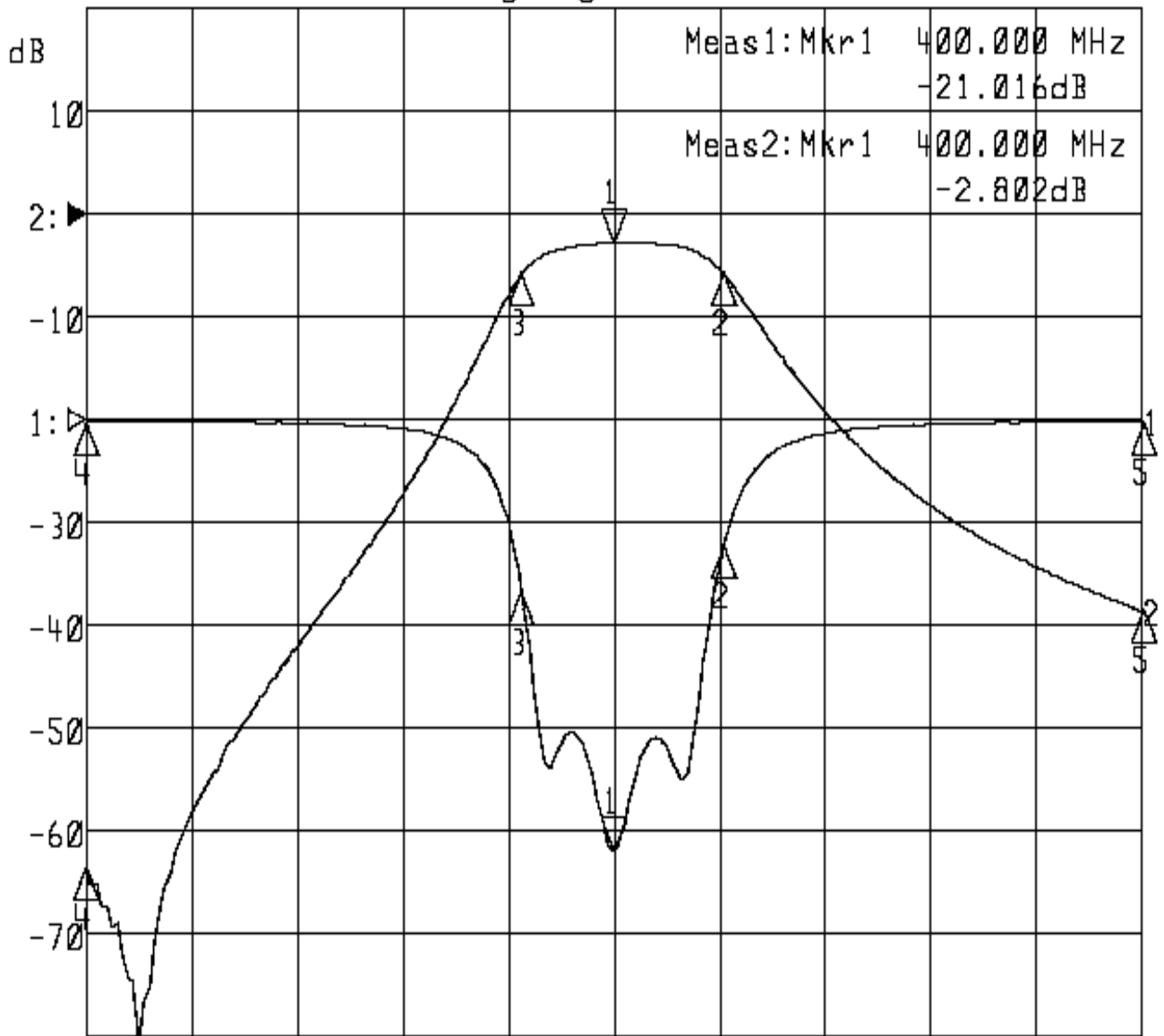
TEMWELL CORPORATION

Performance-K3RFT-400M-15M

200904113CD

▶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 400.000 MHz

Span 100.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 400.0000	-21.016	1> 400.0000	-2.802
2: 410.4000	-6.166	2: 410.4000	-5.818
3: 391.3000	-8.376	3: 391.3000	-5.822
4: 350.0000	-0.069	4: 350.0000	-63.582
5: 450.0000	-0.089	5: 450.0000	-38.611