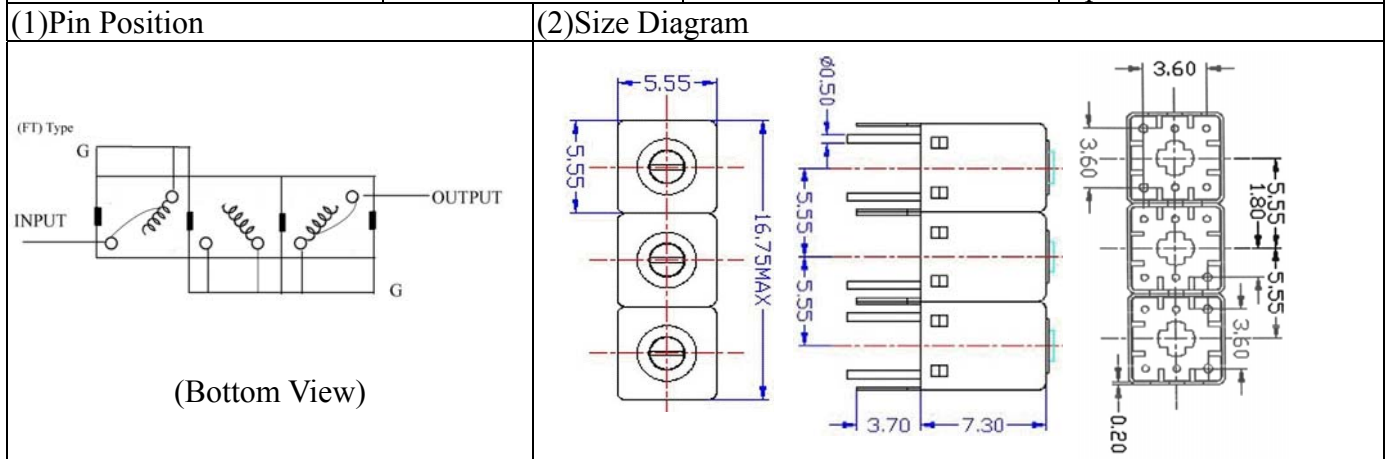


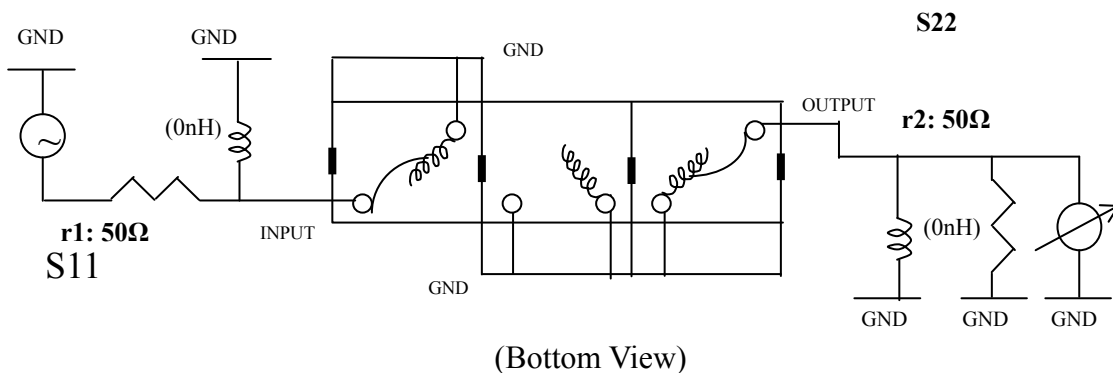
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	K3RFT-410M-16M
Approval No. /dated	0904107CD	Temwell,s print name	K3RFT 410M
Work Instruction No.	200904107CD	Date	Apr.29.2009



(3) Electric Charasteric		Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %			410 MHz	410 MHz
Tunable Range:			410±3 MHz	410±3 MHz
Insertion Loss		Typ.	4.0 dB	2.40. dB
-3 dB Bandwidth		Typ.	16 MHz	19.1 MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ.	34 dBc	57 dBc
	Fo + 50 MHz	Typ.	30 dBc	33 dBc
	Fo - ()MHz	Typ.	dBc	dBc
	Fo +()MHz	Typ.	dBc	dBc
Return Loss		Min.	12 dB	29.4 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/75Ω by parallel with about(0nH) / (0 nH).

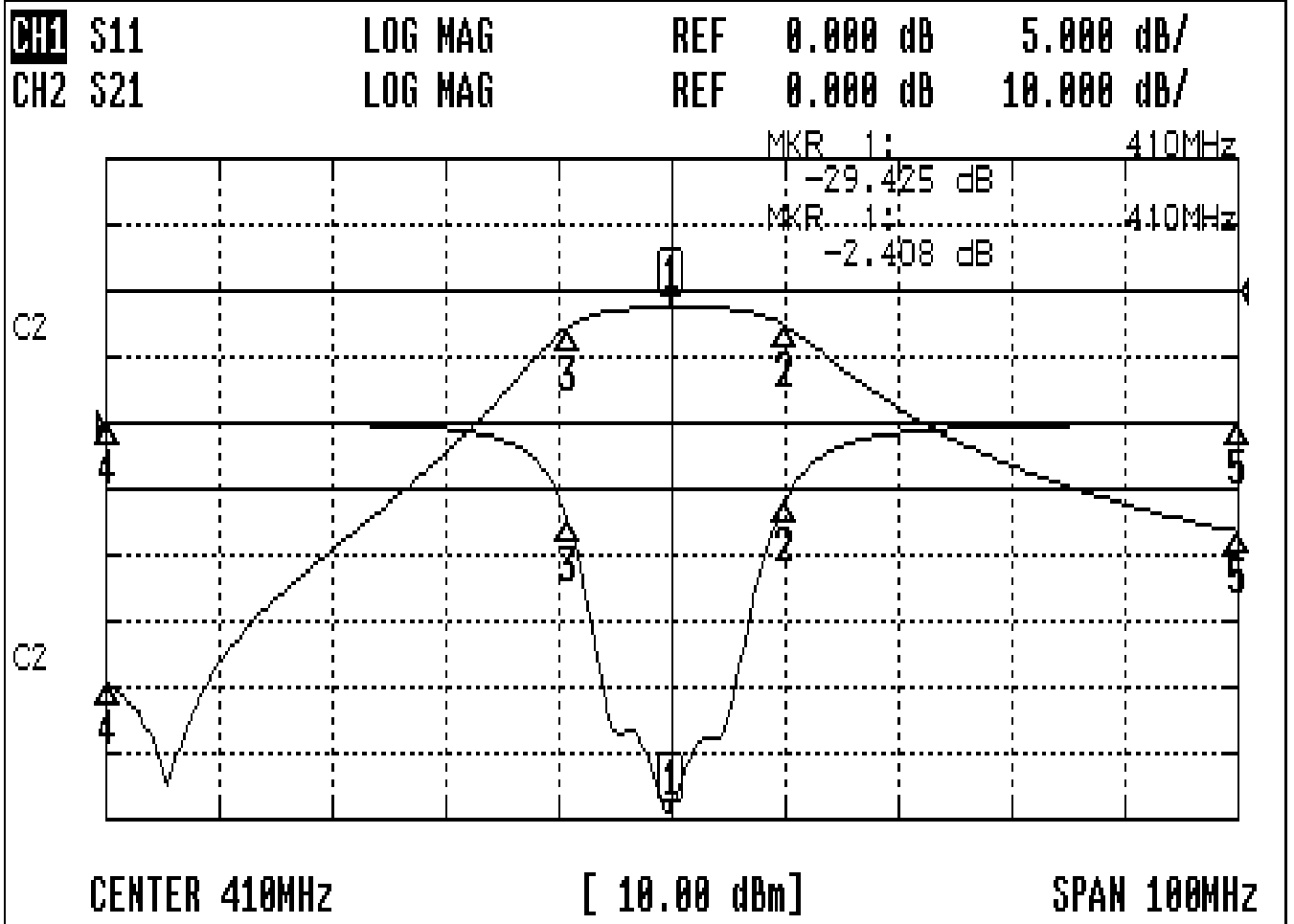


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	W.W.Wang	5R3S(3.8*4.2)(4.24) (5HW024LB3)

TEMWELL CORPORATION

Performance-K3RFT-410M-16M

200904107CD



CH1 MARKER LIST

1	410.000MHz	-29.432	dB
2	420.083MHz	-15.849	dB
3	400.916MHz	-7.426	dB
4	360.000MHz	-0.019	dB
5	460.000MHz	-0.009	dB

CH2 MARKER LIST

1	410.000MHz	-2.408	dB
2	420.083MHz	-1.417	dB
3	400.916MHz	-1.447	dB
4	360.000MHz	-1.084	dB
5	460.000MHz	-1.054	dB