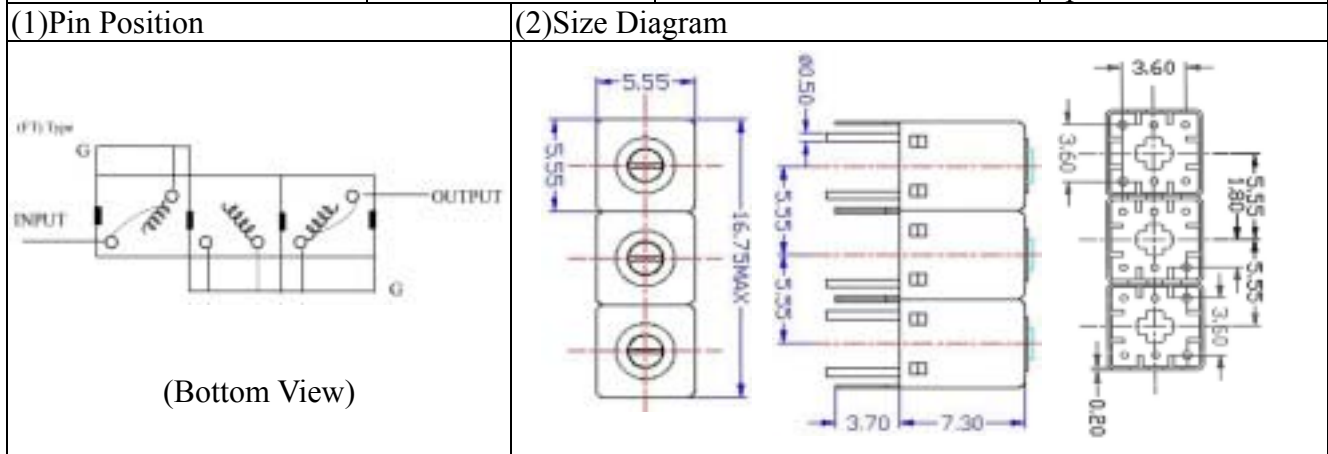


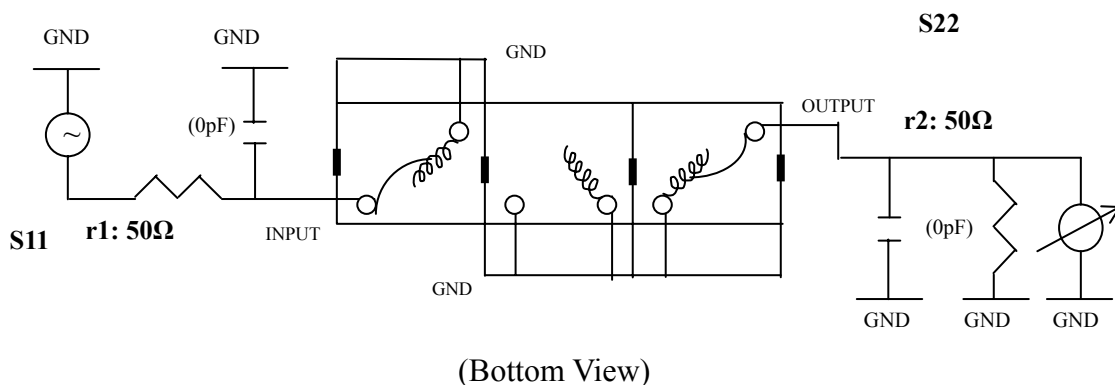
VHF UHF Helical Filter Specification Sheet

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
		Center Freq.(Fo) +/- 0.5 %	410 MHz
		Insertion Loss	Typ. 4.0 dB
		-3 dB Bandwidth	Typ. 16 MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 34	dBc
	Fo + 50 MHz	Typ. 30	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

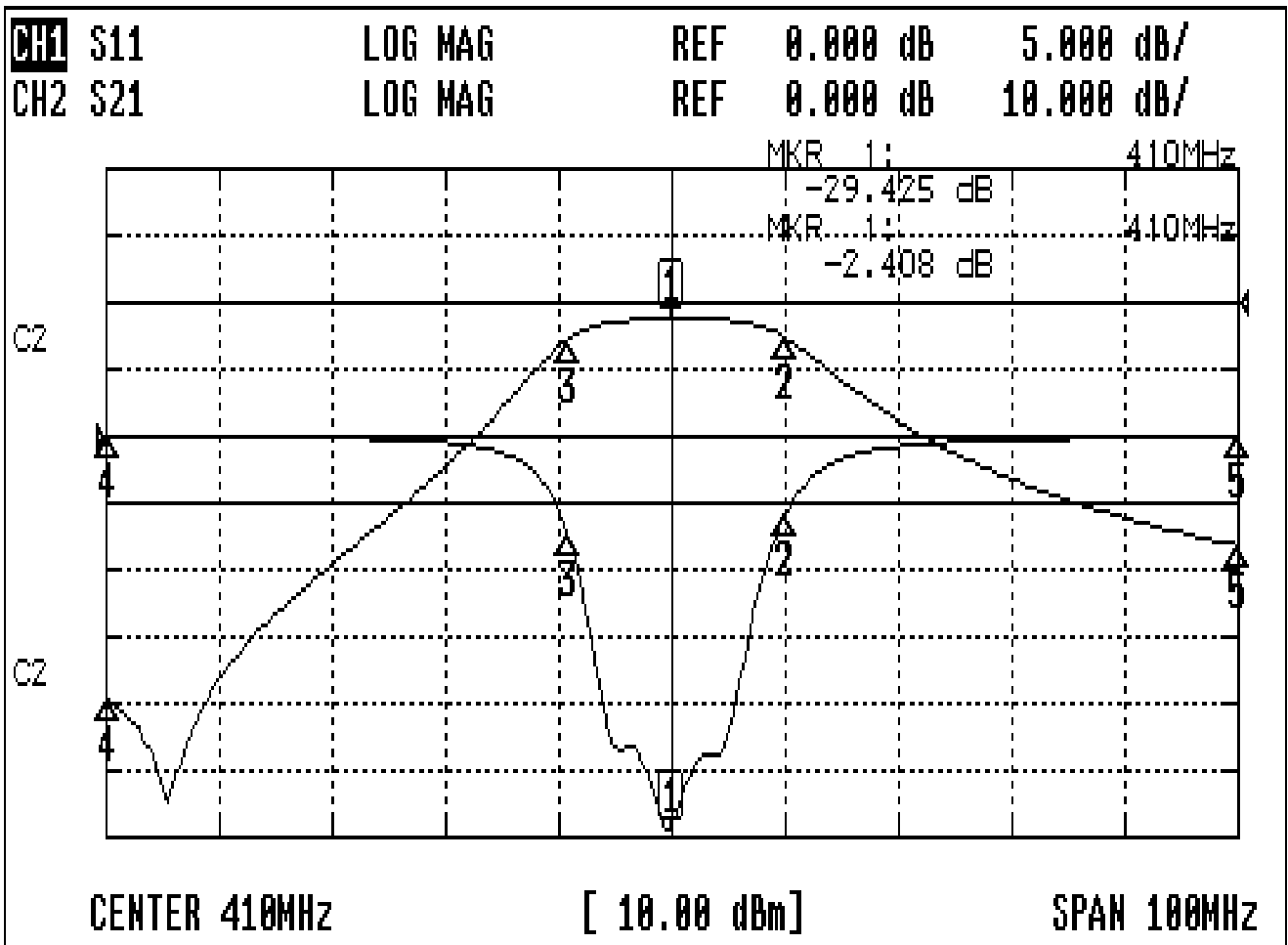
(7)Measuring Circuit: Easy to match Impedance S11/S22 50Ω by parallel with about(0pF) / (0pF).



Approval C.Y.Chang	Supervisor C.K.Chang	Designer W.W.Wang	Aperture size 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	-5.584	dB
5	460.000MHz	-6.354	dB