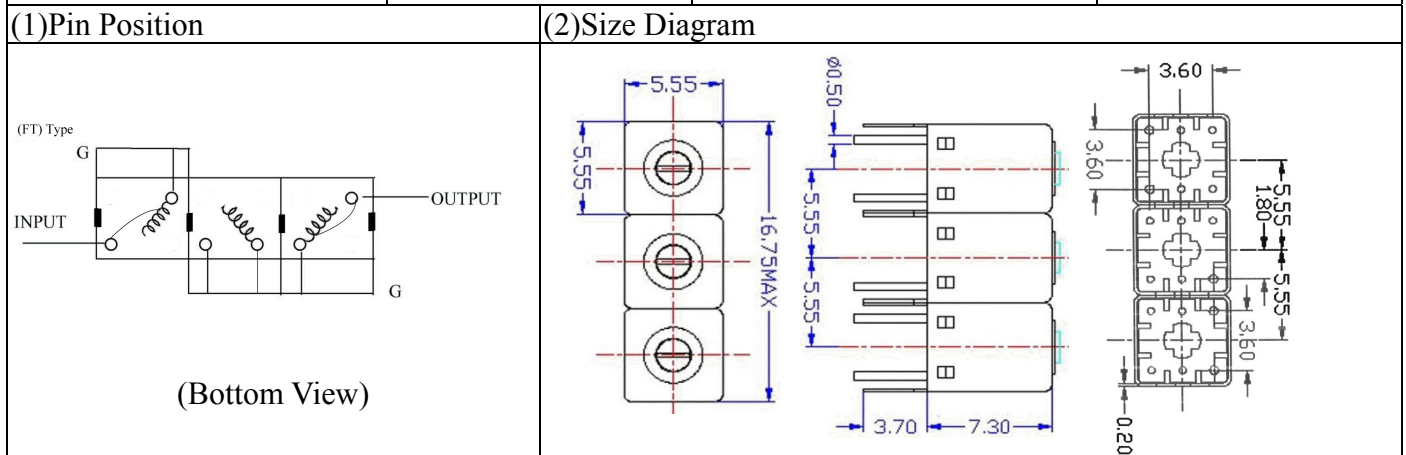


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	K3RFT-410.7M-10M
Approval No. /dated	0909064CD	Temwell's Print Name	K3RFT 410.7M
Work Instruction No.	200909064CD	Date	Oct.16.2009



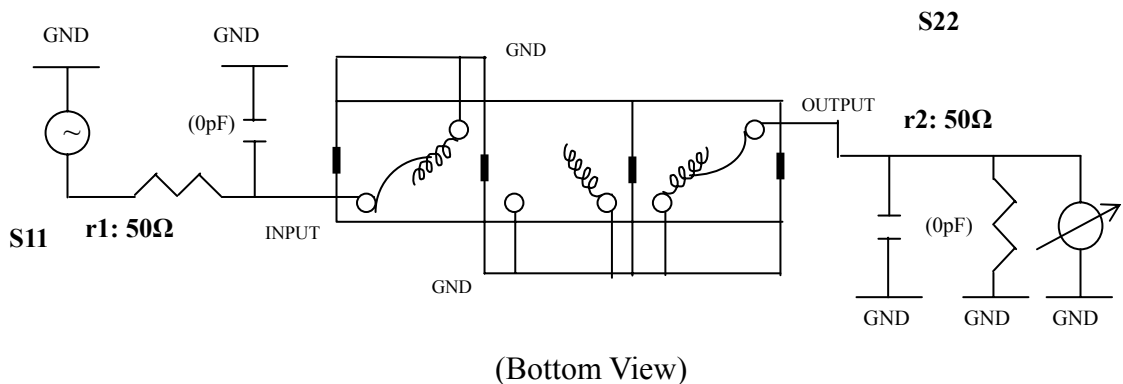
(3)Electric Charasteric			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		410.7 MHz	410.7 MHz
Insertion Loss		Typ. 4.5 dB	3.20 dB
-3 dB Bandwidth		Typ. 10 MHz	13.2 MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 48 dBc	51 dBc
	Fo + 50 MHz	Typ. 44 dBc	45 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	27.4 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 by parallel with about(0pF) / (0pF).

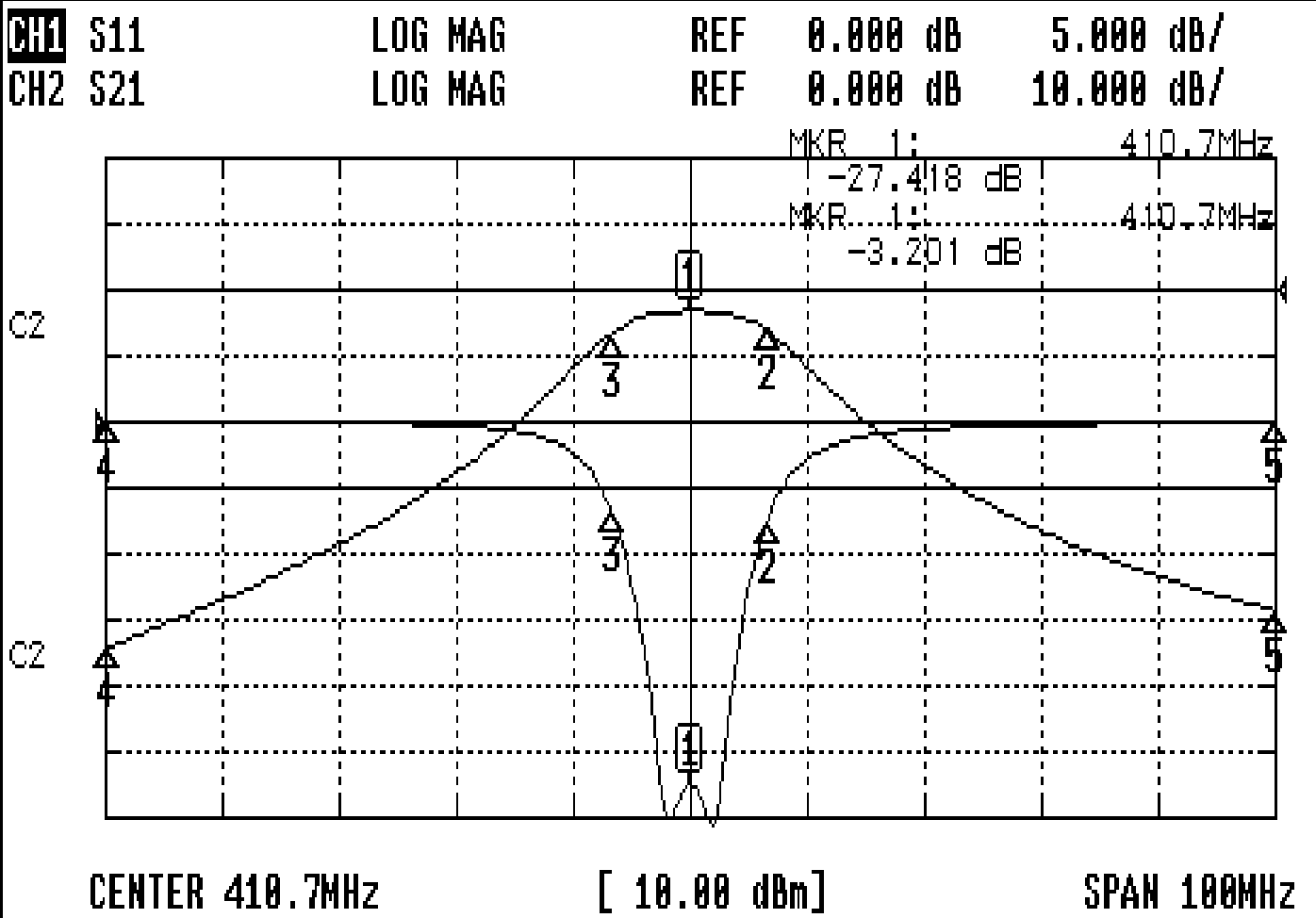


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	H.Y.Hui	5R3(3.8*3.7)(3.74) (5HW024RB3)

TEMWELL CORPORATION

Performance-K3RFT-410.7M-10M

200909064CD



CH1 MARKER LIST			
1:	410.700MHz	-27.409	dB
2:	417.366MHz	-7.478	dB
3:	404.116MHz	-6.982	dB
4:	360.700MHz	0.024	dB
5:	460.700MHz	-0.011	dB
6:			
7:			
8:			
9:			
10:			

CH2 MARKER LIST			
1:	410.700MHz	-3.201	dB
2:	417.366MHz	-6.223	dB
3:	404.116MHz	-6.293	dB
4:	360.700MHz	-54.500	dB
5:	460.700MHz	-48.396	dB
6:			
7:			
8:			
9:			
10:			