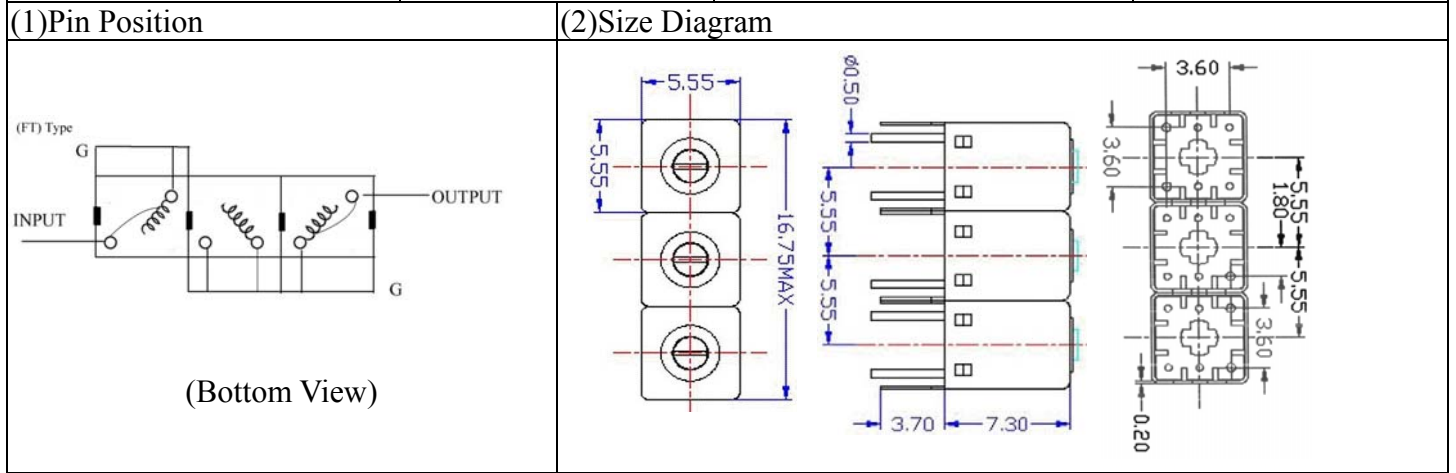


VHF UHF Helical Filter Specification Sheet

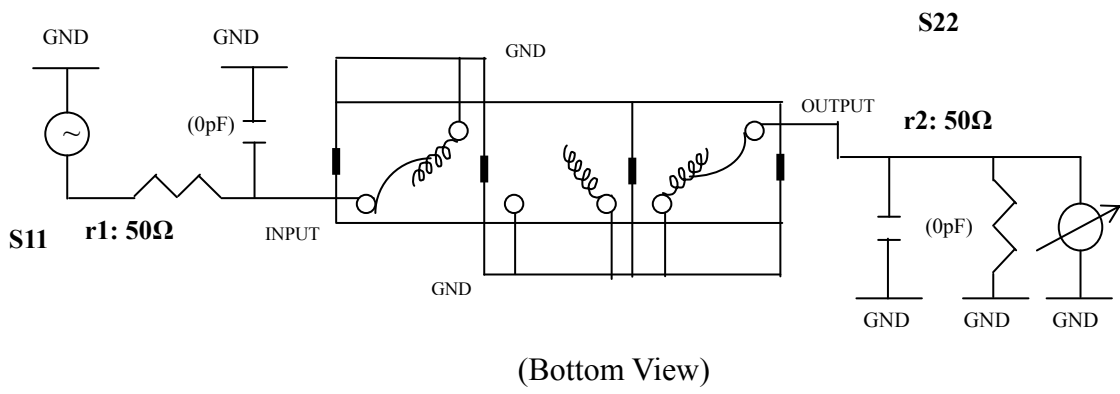
Customer Name		Temwell's Part No.	K3RFT-440M-18M
Approval No. /dated	0904115CD	Temwell's Print Name	K3RFT 440M
Work Instruction No.	200904115CD	Date	Sep.28.2009



(3) Electric Characteristic					
Item		Specify		Performance	
Center Freq.(Fo) +/- 0.5 %		440 MHz		440 MHz	
Insertion Loss		Typ. 4.0 dB		2.34 dB	
-3 dB Bandwidth		Typ. 18 MHz		21.7 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 28 dBc		54 dBc	
	Fo + 50 MHz	Typ. 25 dBc		32 dBc	
	Fo - ()MHz	Typ. dBc		dBc	
	Fo +()MHz	Typ. dBc		dBc	
Return Loss		Min. 12 dB		24.9 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).

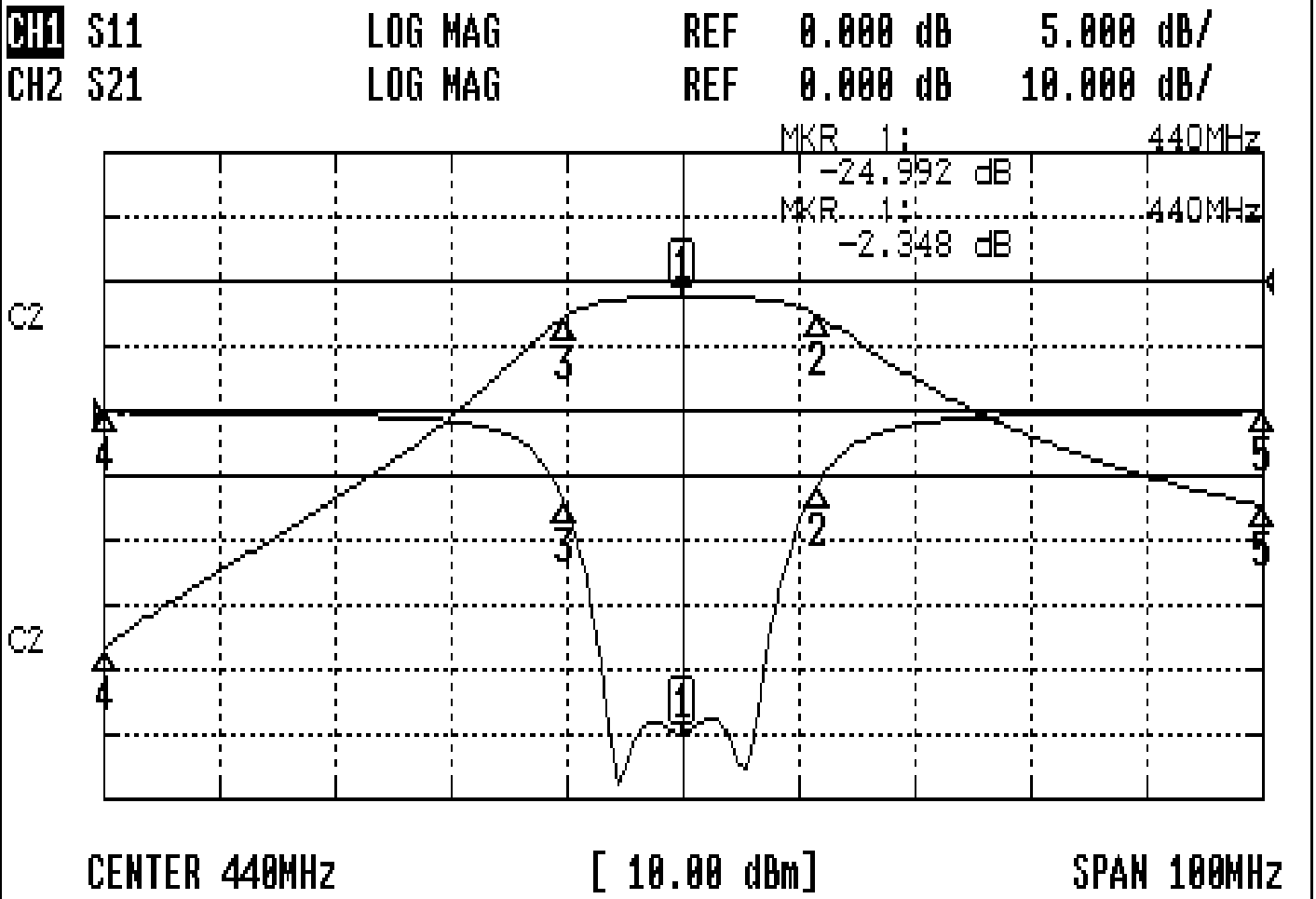


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	Y.H.Yeh	5R3S(3.8*4.2)(4.30) (5HW024LB3)

TEMWELL CORPORATION

Performance-K3RFT-440M-18M

200904115CD



CH1 MARKER LIST

1:	440.000MHz	-24.992	dB
2:	451.600MHz	-5.747	dB
3:	429.950MHz	-7.334	dB
4:	390.000MHz	-0.133	dB
5:	490.000MHz	-0.138	dB

CH2 MARKER LIST

1:	440.000MHz	-2.348	dB
2:	451.600MHz	-1.341	dB
3:	429.950MHz	-1.349	dB
4:	390.000MHz	-36.683	dB
5:	490.000MHz	-34.683	dB