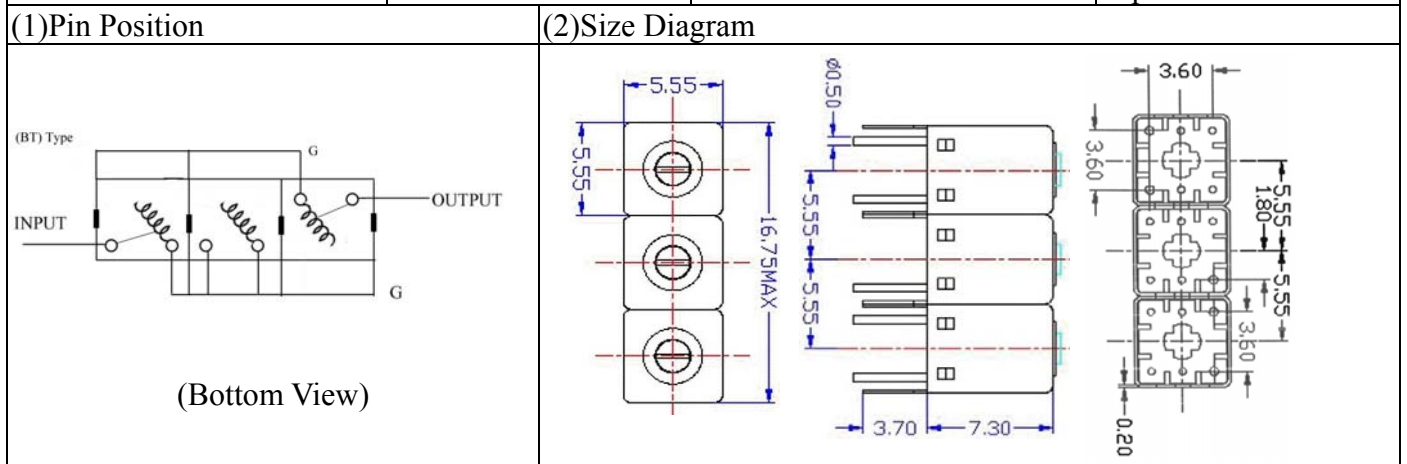


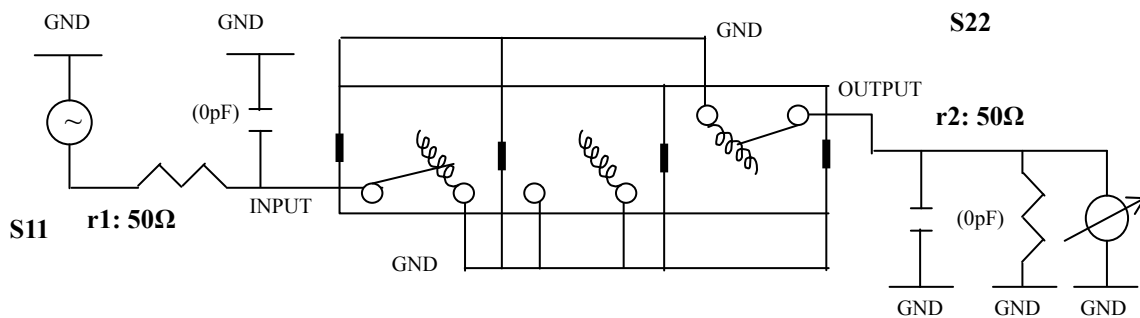
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	K3RBT-590M-18M
Approval No. /dated	0909067CD	Customer's Part No.	K3RBT 590M
Work Instruction No.	200909067CD	Date	Sep.24.2009



Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		590 MHz	590 MHz
Insertion Loss		Typ. 4.0 dB	2.77 dB
-3 dB Bandwidth		Typ. 18 MHz	20.7 MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 27 dBc	37 dBc
	Fo + 50 MHz	Typ. 25 dBc	33 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	41.7 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).



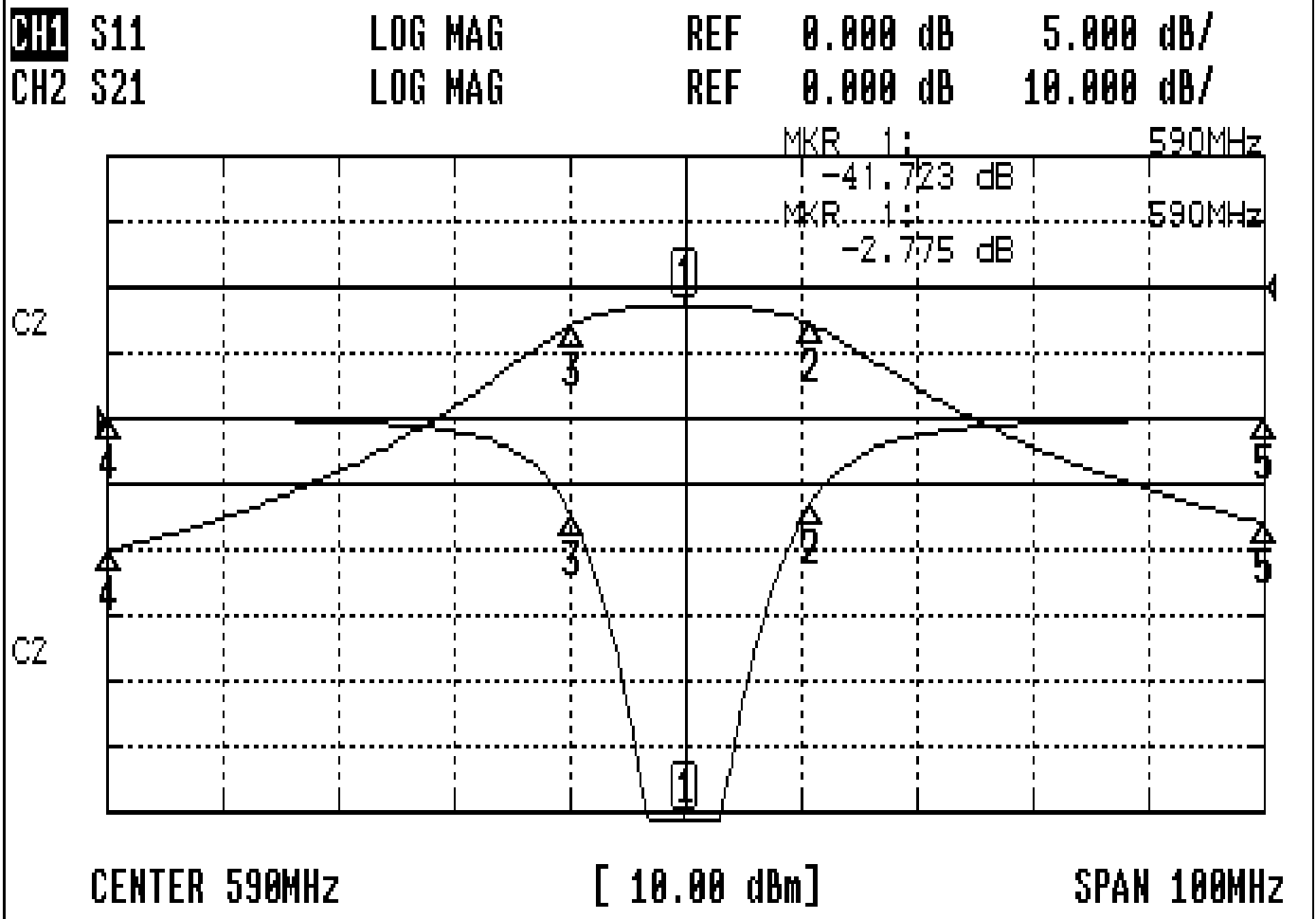
(Bottom View)

Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	C.H.Yeh	5R3S(3.8*3.7)(3.72) 5HW024LB3

TEMWELL CORPORATION

Performance-K3RBT-590M-18M

200909067CD



CH1 MARKER LIST

1	590.000MHz	-41.731	dB
2	600.916MHz	-16.417	dB
3	580.250MHz	-7.447	dB
4	540.000MHz	0.036	dB
5	640.000MHz	0.021	dB

CH2 MARKER LIST

1	590.000MHz	-2.775	dB
2	600.916MHz	-11.732	dB
3	580.250MHz	-11.723	dB
4	540.000MHz	-40.242	dB
5	640.000MHz	-36.021	dB