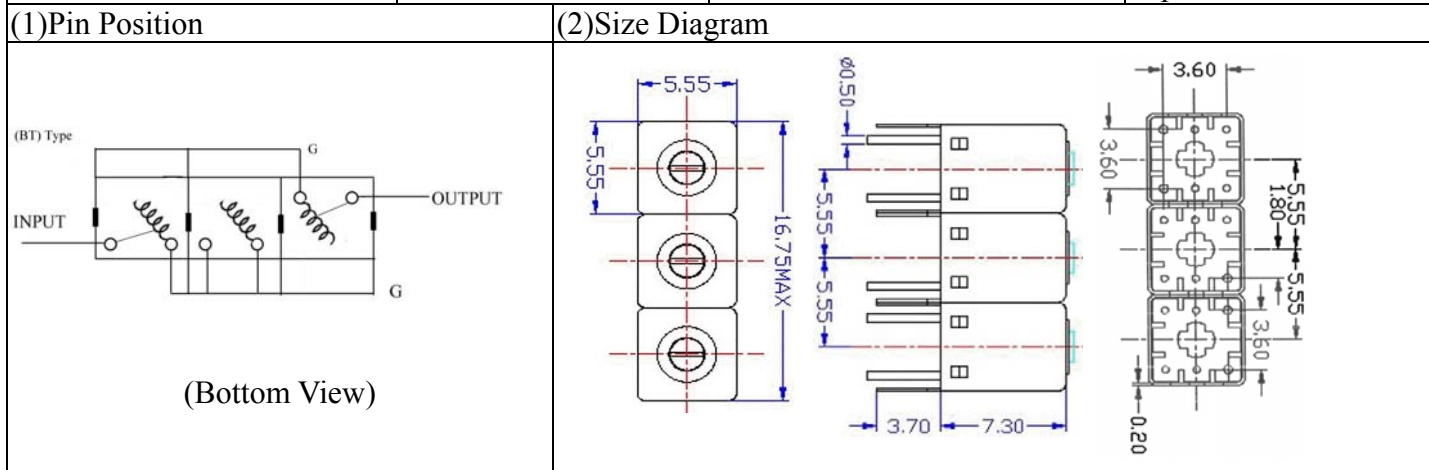


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	K3RBT-635M-18M
Approval No. /dated	0909068CD	Temwell's Print name	K3RBT 635M
Work Instruction No.	200909068CD	Date	Sep.25.2009



(3) Electric Characteristic

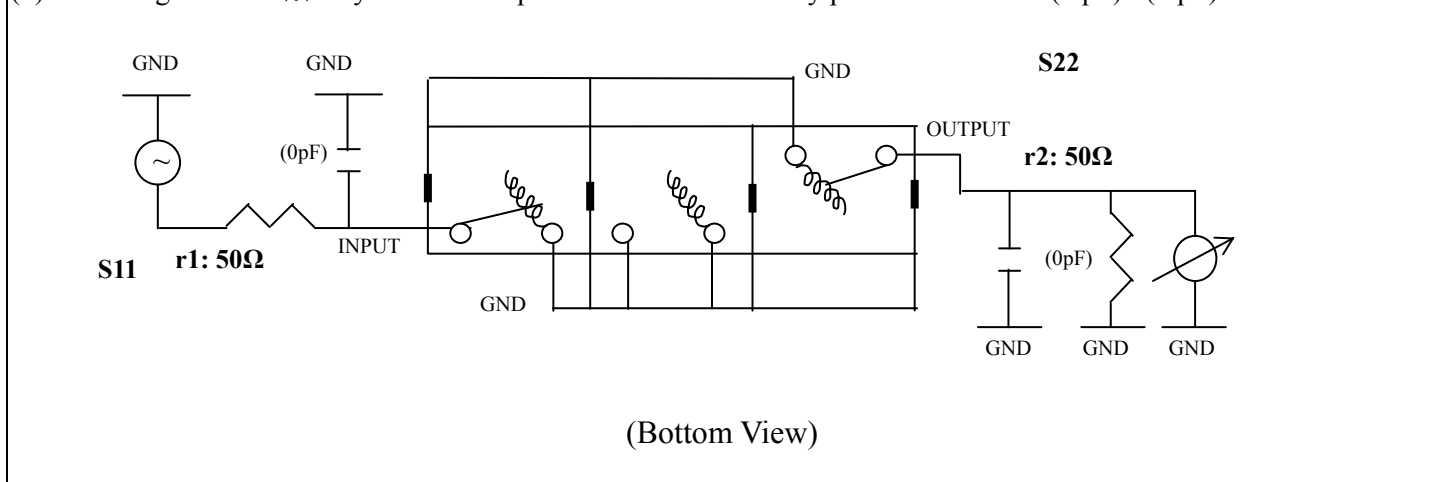
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	635 MHz	635 MHz	
Insertion Loss	Typ. 3.5 dB	2.96 dB	
-3 dB Bandwidth	Typ. 18 MHz	21.0 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 30 dBc	39 dBc
	Fo + 50 MHz	Typ. 26 dBc	32 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	30.0 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

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

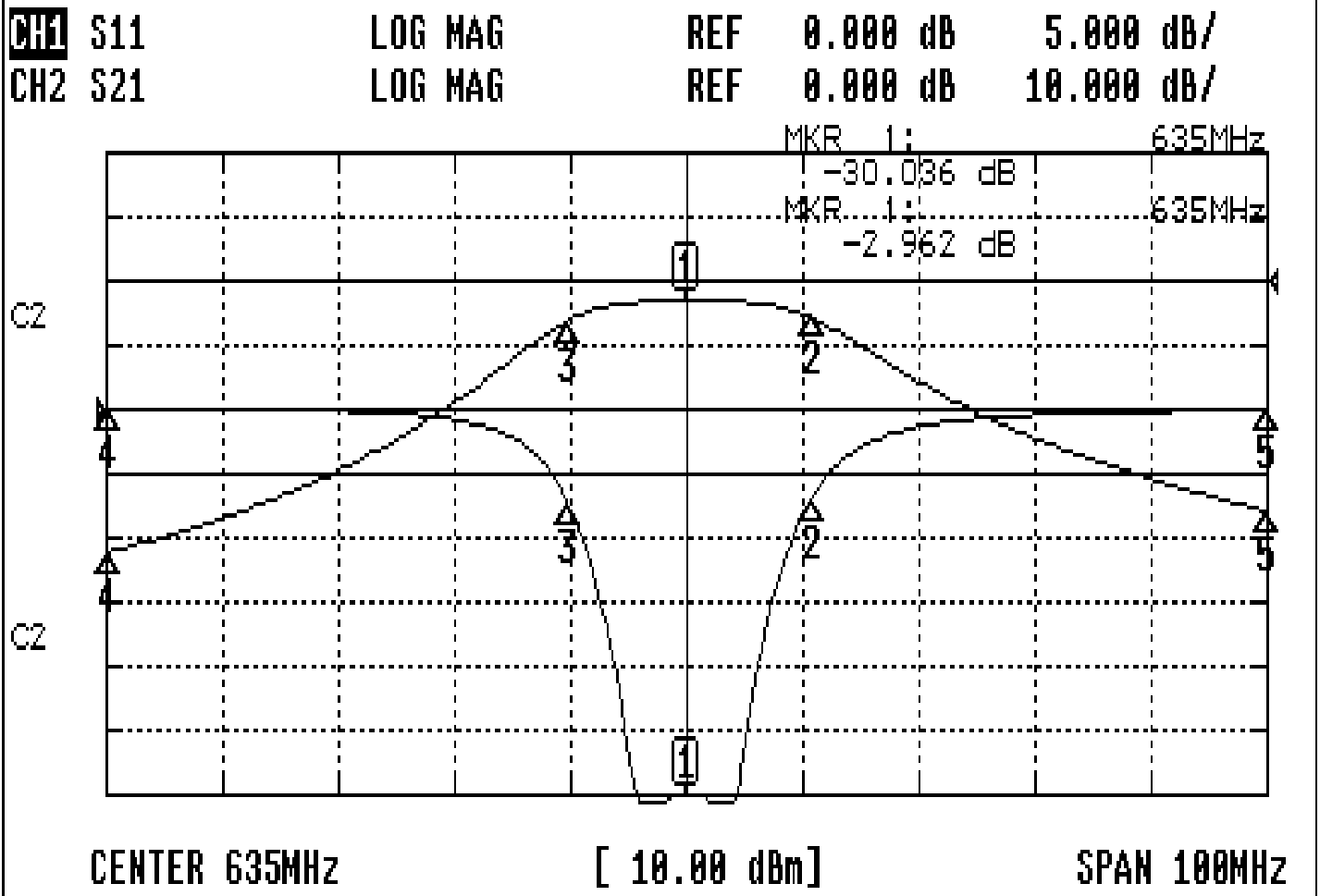


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	C.H.Yeh	5R3S(3.8*3.7)(3.70) 5HW024RB3

TEMWELL CORPORATION

Performance-K3RBT-635M-18M

200909068CD



CH1 MARKER LIST

1:	635.000MHz	-30.036	dB
2:	645.916MHz	-6.809	dB
3:	624.916MHz	-7.440	dB
4:	585.000MHz	-0.077	dB
5:	685.000MHz	-0.057	dB

CH2 MARKER LIST

1:	635.000MHz	-2.961	dB
2:	645.916MHz	-1.913	dB
3:	624.916MHz	-1.907	dB
4:	585.000MHz	-1.252	dB
5:	685.000MHz	-3.813	dB