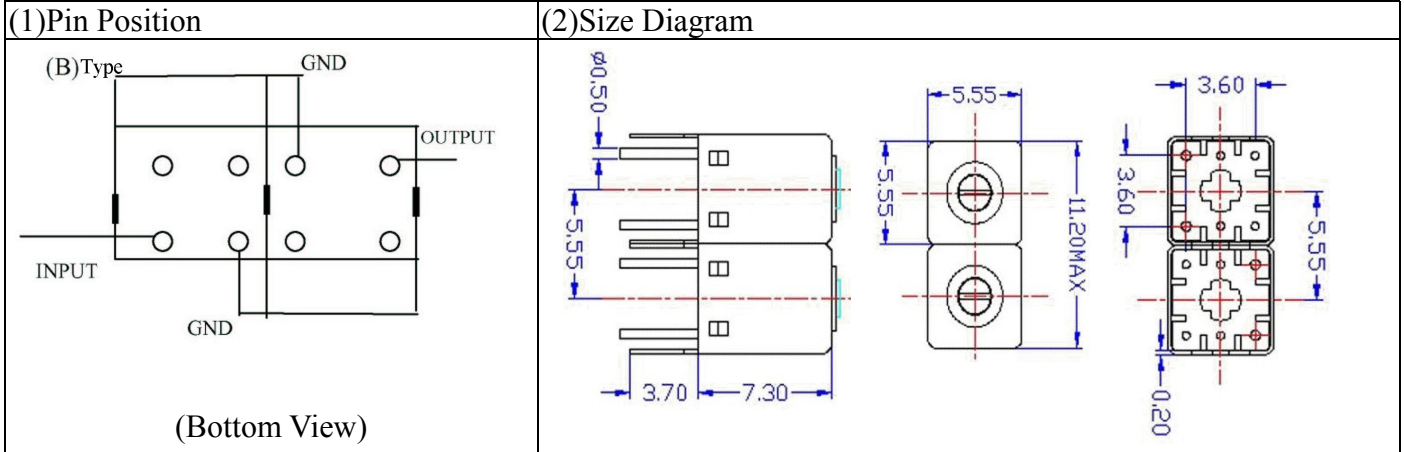


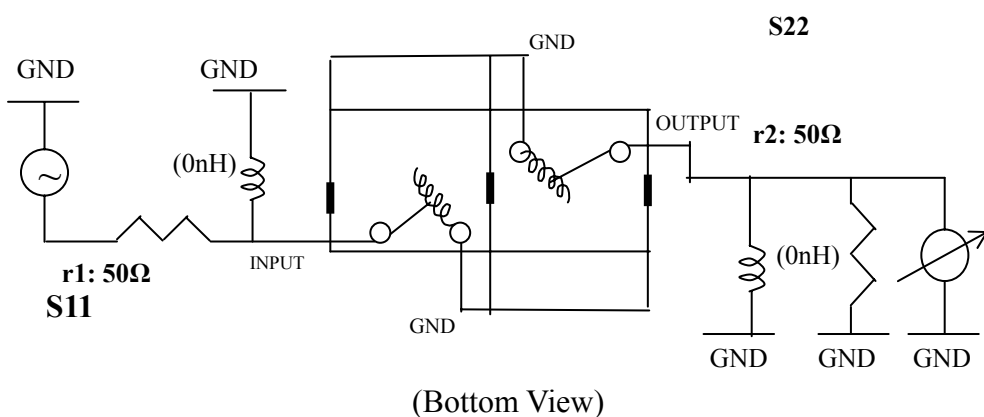
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	K2RB-959M-25M
Approval No. /dated	0907078CD	Temwell's print name.	K2RB 959M
Work Instruction No.	200907078CD	Date	Aug.12.2009



(3) Electric Chararistic					
Item		Specify		Performance	
Center Freq.(Fo) +/- 0.5 %		959 MHz		959 MHz	
Insertion Loss		Typ. 3.5 dB		2.13 dB	
-3 dB Bandwidth		Typ. 25 MHz		32.4 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 25 dBc		35 dBc	
	Fo + 100 MHz	Typ. 20 dBc		26 dBc	
	Fo - ()MHz	Typ. dBc		dBc	
	Fo +()MHz	Typ. dBc		dBc	
Return Loss		Min. 12 dB		33.7 dB	
Ripple		< 1 dB		dB	
Impedance		In / Out : 50 Ω		In / Out : 50 Ω	
(4) Torque for Tuning Screw		>60 gf • cm			
(5) Temperature Condition:					
Operating Temperature		0°C ~ +60°C			
Storage Temperature		-20°C ~ +70°C			
(6) Input Power		> 1 Watt			

(7) Measuring Circuit: ※Easy to match Impedance 50Ω/75Ω by parallel with about (0)nH.



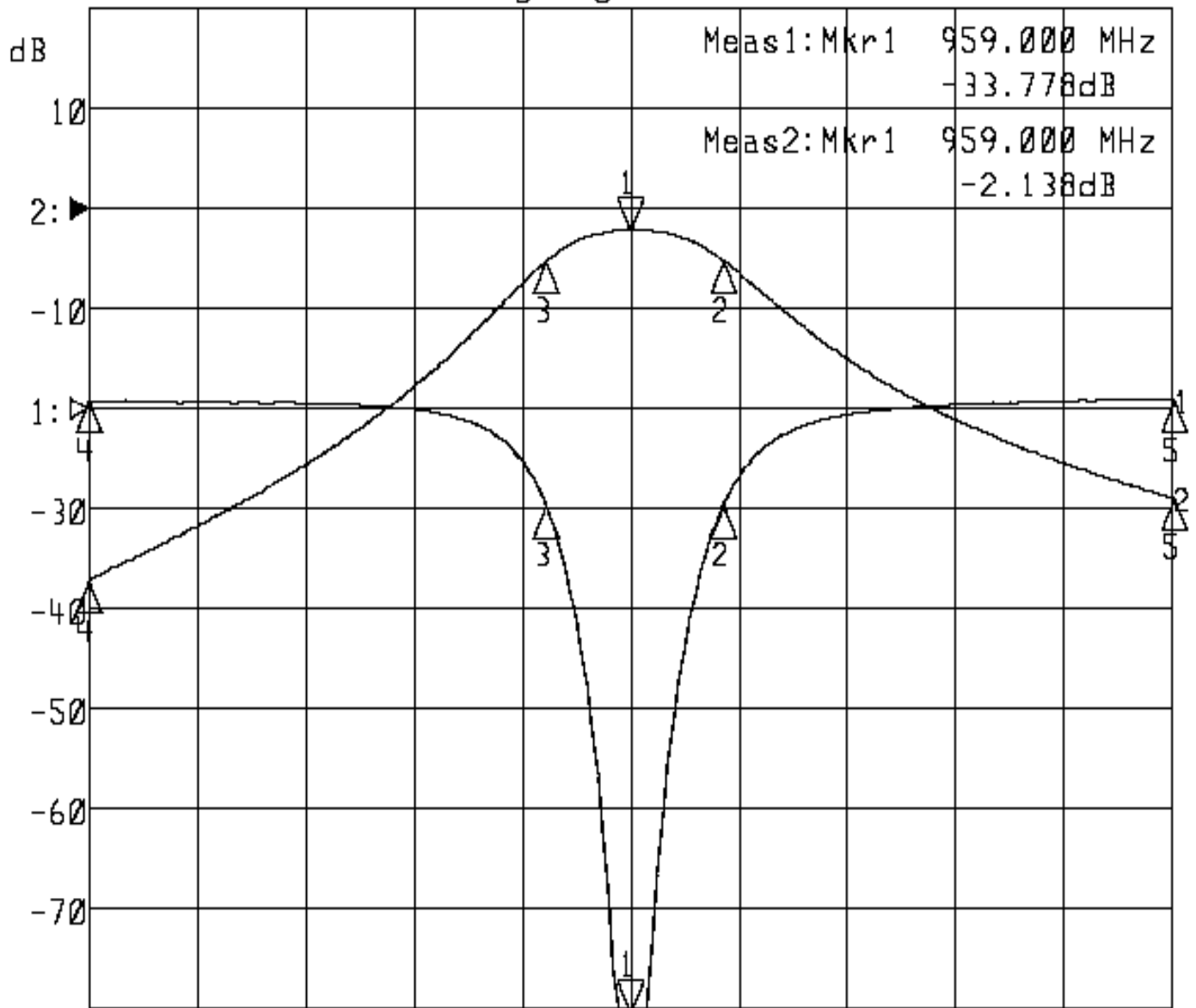
Approval C.Y.Chang	Supervisor C.K.Chang	Designer F.L.Lai	Aperture size 5R2S(3.8*4.7)(4.71) 5HW024RB3
-----------------------	-------------------------	---------------------	---

TEMWELL CORPORATION

Performance-K2RB-959M-25M

200907078CD

►1:S11 Refl Port1 Log Mag 5.0 dB/ Ref 0.00 dB C
►2:S21 Fwd Trans Log Mag 10.0 dB/ Ref 0.00 dB C



Meas1:Mkr1 959.000 MHz
-33.778dB
Meas2:Mkr1 959.000 MHz
-2.138dB

Center 959.000 MHz

Span 200.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 959.0000	-33.778	1> 959.0000	-2.138
2: 976.0667	-4.877	2: 976.0667	-5.145
3: 943.6000	-4.914	3: 943.6000	-5.195
4: 859.0000	0.318	4: 859.0000	-37.152
5: 1059.0000	0.420	5: 1059.0000	-28.919