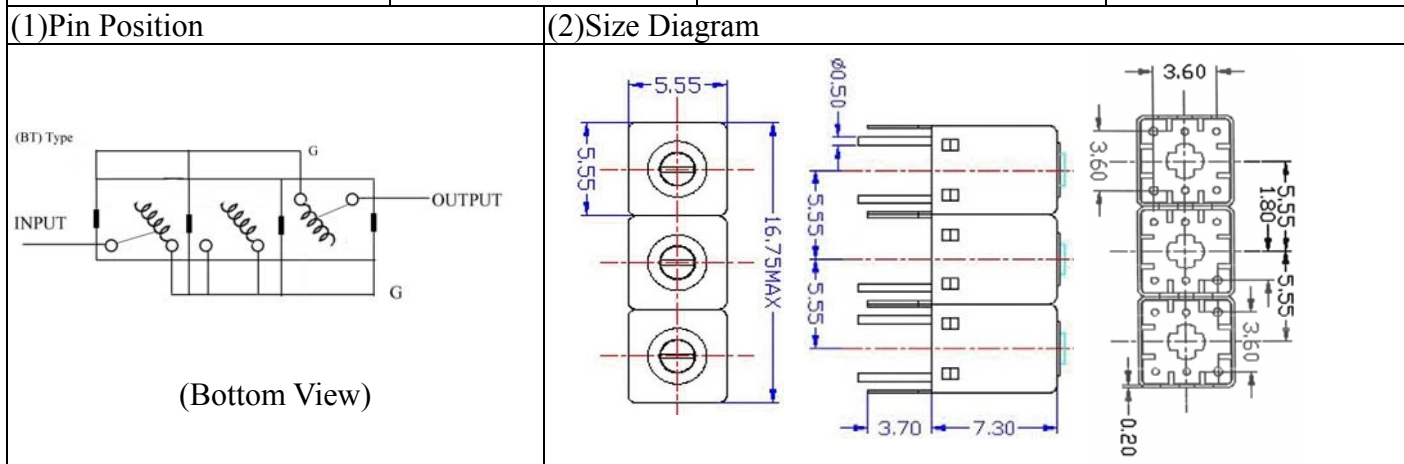


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	K3RBT-1090M-20M
Approval No. /dated	0909078CD	Temwell's Print name	K3RBT 1090M
Work Instruction No.	200909078CD	Date	Dec.10.2009



(3) Electric Characteristic

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	1090 MHz	1090 MHz	
Insertion Loss	Typ. 5.0 dB	4.03 dB	
-3 dB Bandwidth	Typ. 20 MHz	25.7 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 17 dBc	35 dBc
	Fo + 50 MHz	Typ. 15 dBc	28 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo + ( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	28.4 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

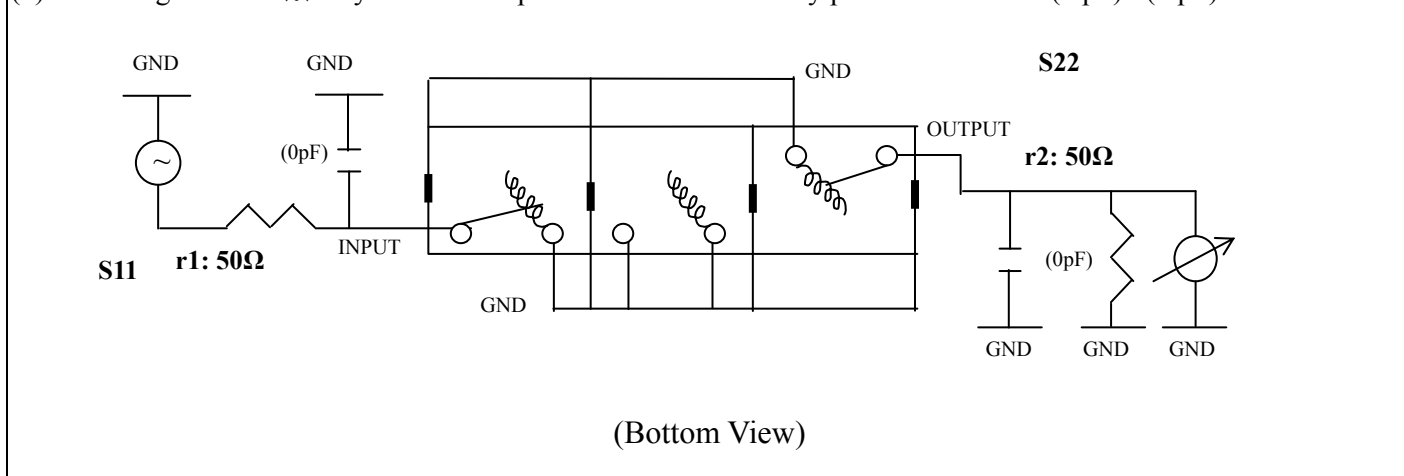
(4) Torque for Tuning Screw > 60gf · cm

(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).

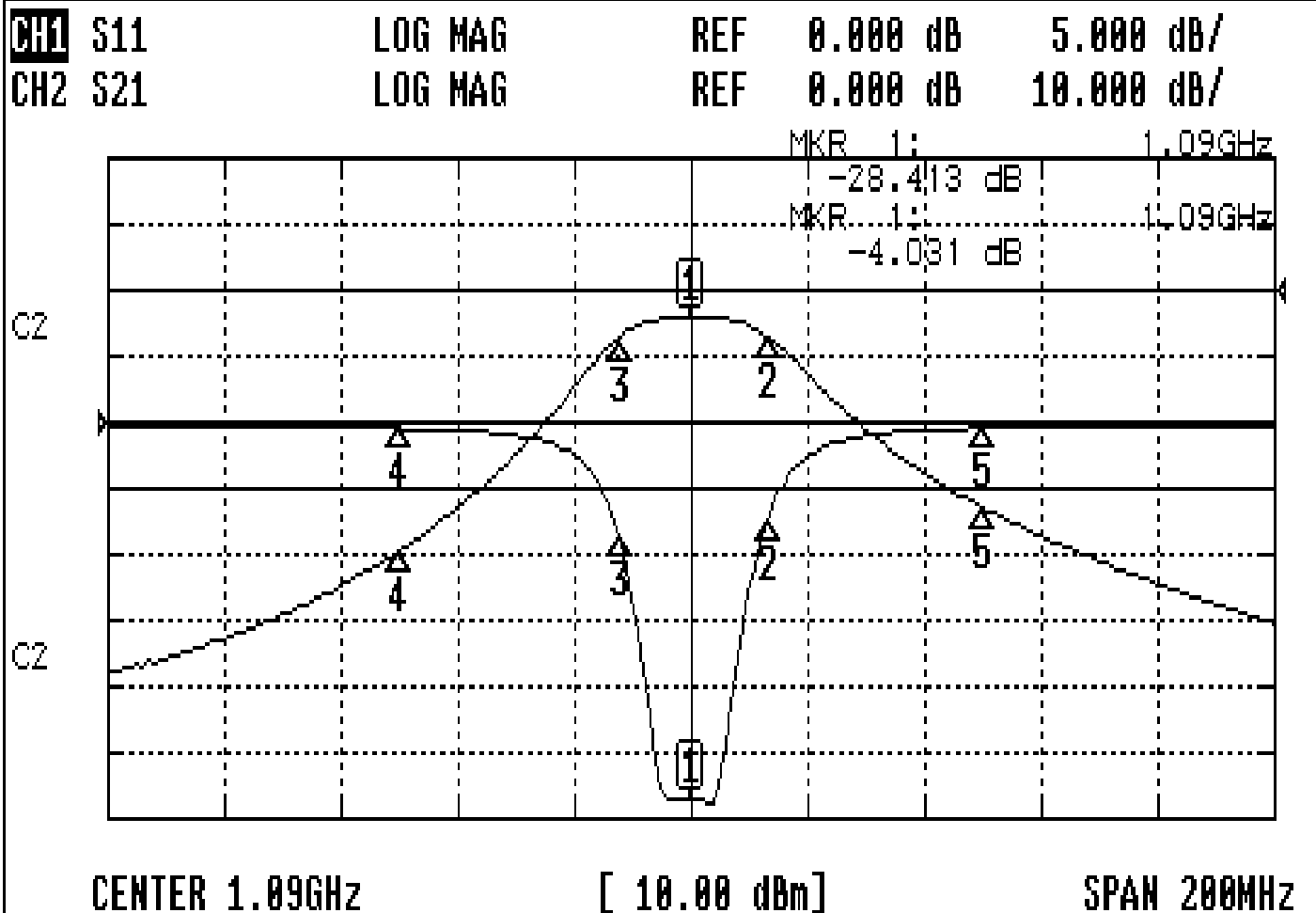


Approval C.Y.Chang	Supervisor C.K.Chang	Designer W.W.Wang	Aperture size 5R3S(3.8*3.7)(3.77) 5HW024RB3
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TEMWELL CORPORATION

# Performance-K3RBT-1090M-20M

## 200909078CD



### CH1 MARKER LIST

1:	1.090	000GHz	-28.413	dB
2:	1.103	333GHz	-7.201	dB
3:	1.077	666GHz	-8.577	dB
4:	1.040	000GHz	-0.433	dB
5:	1.140	000GHz	-0.407	dB

### CH2 MARKER LIST

1:	1.090	000GHz	-4.031	dB
2:	1.103	333GHz	-7.079	dB
3:	1.077	666GHz	-7.017	dB
4:	1.040	000GHz	-39.343	dB
5:	1.140	000GHz	-32.845	dB