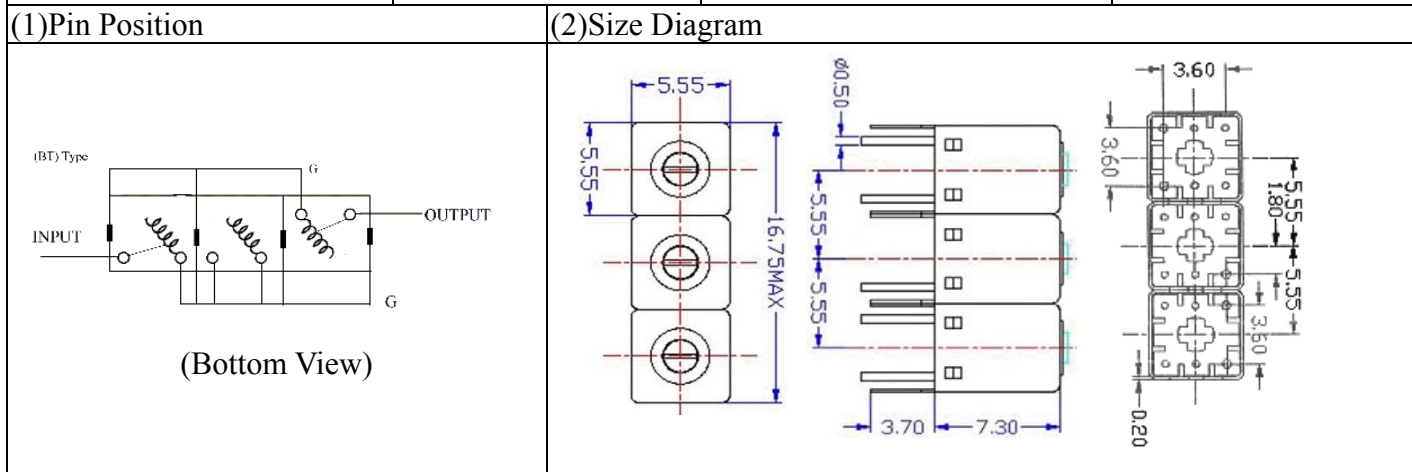


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	K3RBT-1055M-20M
Approval No. /dated	0909077CD	Temwell,s print name	K3RBT 1055M
Work Instruction No.	200909077CD	Date	Dec.02.2009



(3) Electric Characteristic

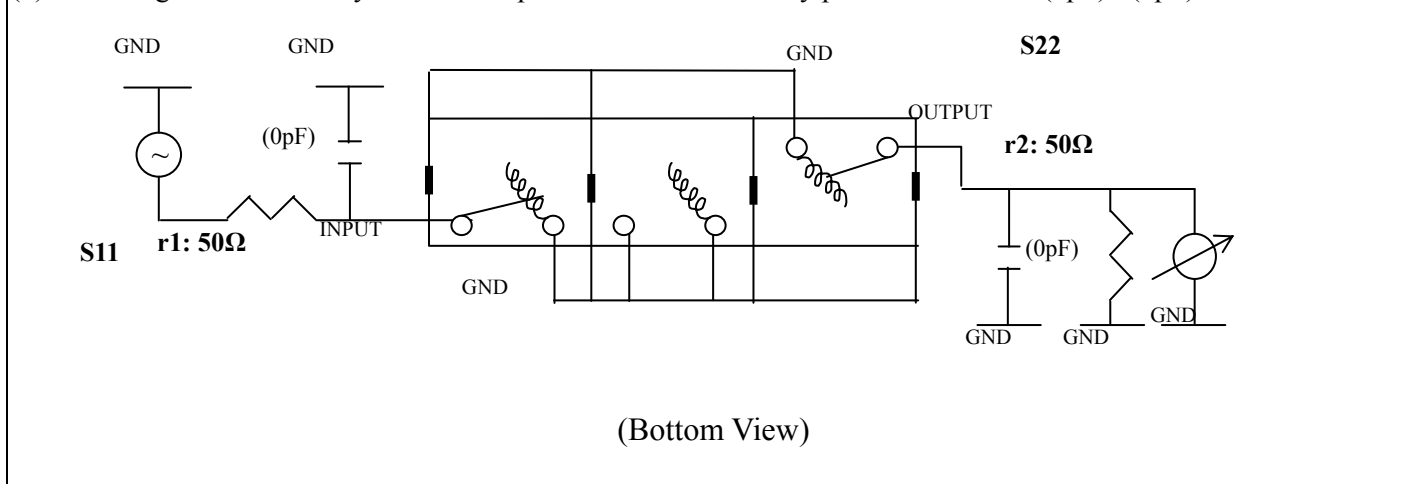
Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	1055 MHz	1055 MHz
Insertion Loss	Typ. 5.0 dB	3.67 dB
-3 dB Bandwidth	Typ. 20 MHz	27.4 MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 18 dBc
	Fo + 50 MHz	Typ. 14 dBc
	Fo - ( )MHz	Typ. dBc
	Fo +( )MHz	Typ. dBc
Return Loss	Min. 12 dB	33.8 dB
Ripple	< 1 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).



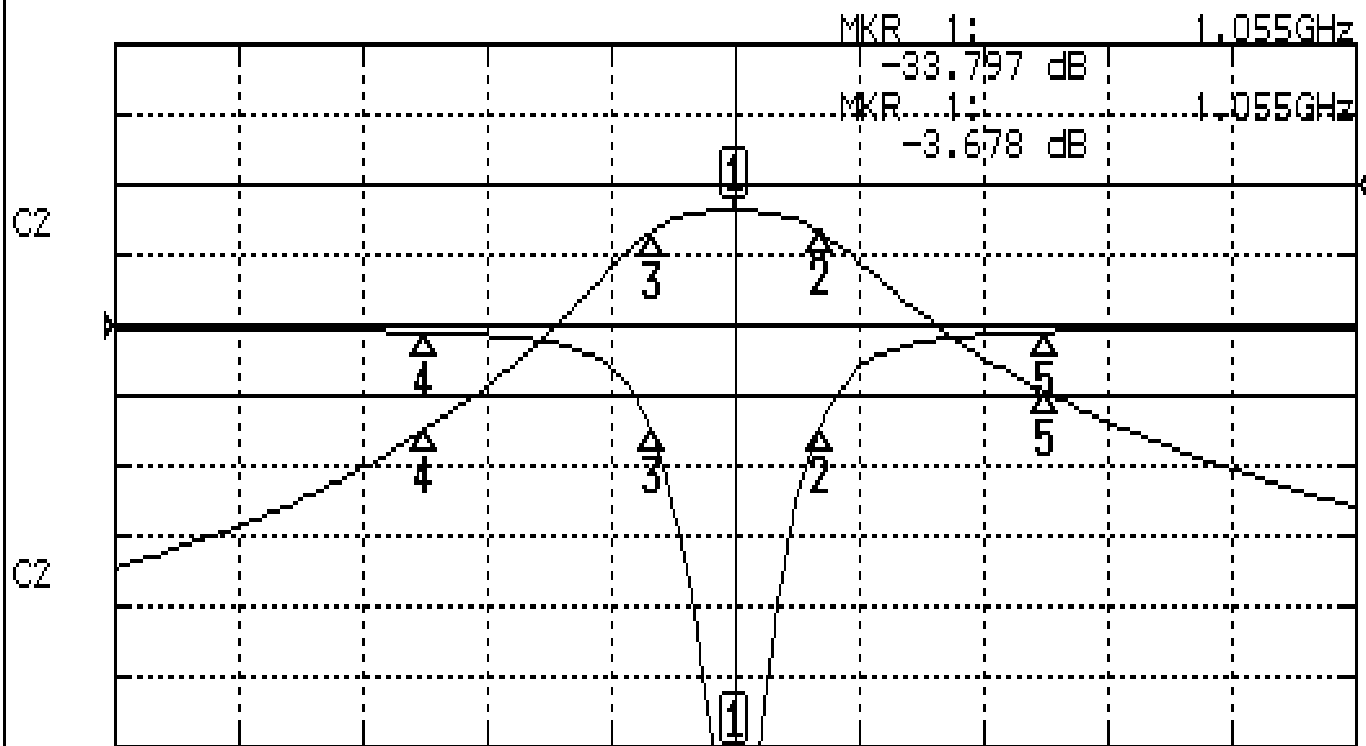
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	W.W.Wang	5R3S(3.8*3.7)(3.77) 5HW024RB3

TEMWELL CORPORATION

# Performance-K3RBT-1055M-20M

200909077CD

CH1 S11 LOG MAG REF 0.000 dB 5.000 dB/  
CH2 S21 LOG MAG REF 0.000 dB 10.000 dB/



CENTER 1.055GHz

[ 10.00 dBm ]

SPAN 200MHz

## CH1 MARKER LIST

1:	1.055000GHz	-33.839 dB
2:	1.068833GHz	-7.168 dB
3:	1.041470GHz	-7.422 dB
4:	1.005000GHz	-0.519 dB
5:	1.105000GHz	-0.463 dB

## CH2 MARKER LIST

1:	1.055000GHz	-3.678 dB
2:	1.068833GHz	-6.672 dB
3:	1.041470GHz	-6.681 dB
4:	1.005000GHz	-34.958 dB
5:	1.105000GHz	-29.528 dB