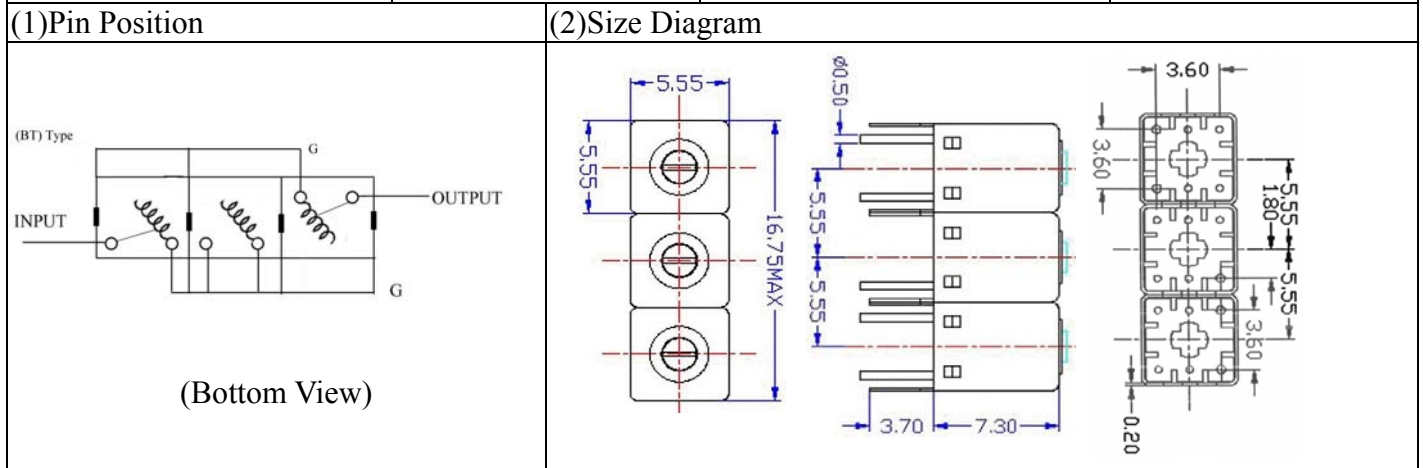


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	K3RBT-980M-20M
Approval No. /dated	0909075CD	Temwell's Print name	K3RBT 980M
Work Instruction No.	200909075CD	Date	Oct.21.2009



(3) Electric Characteristic

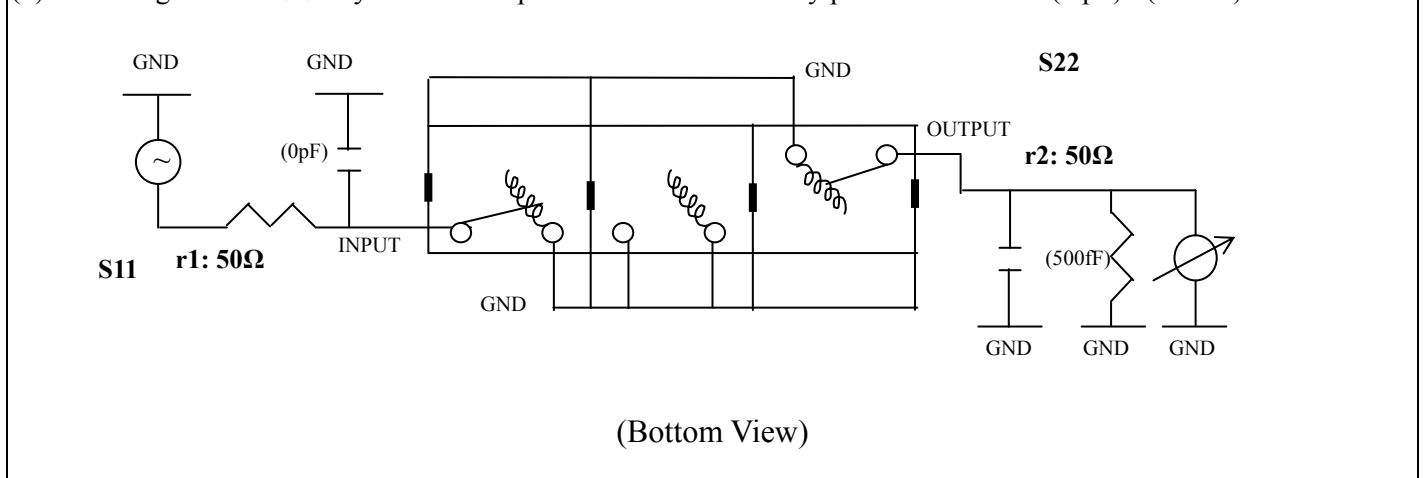
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	980 MHz	980 MHz	
Insertion Loss	Typ. 4.0 dB	3.47 dB	
-3 dB Bandwidth	Typ. 20 MHz	27.3 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 22 dBc	36 dBc
	Fo + 50 MHz	Typ. 18 dBc	30 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo + ( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	28.8 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) / ( 500fF).

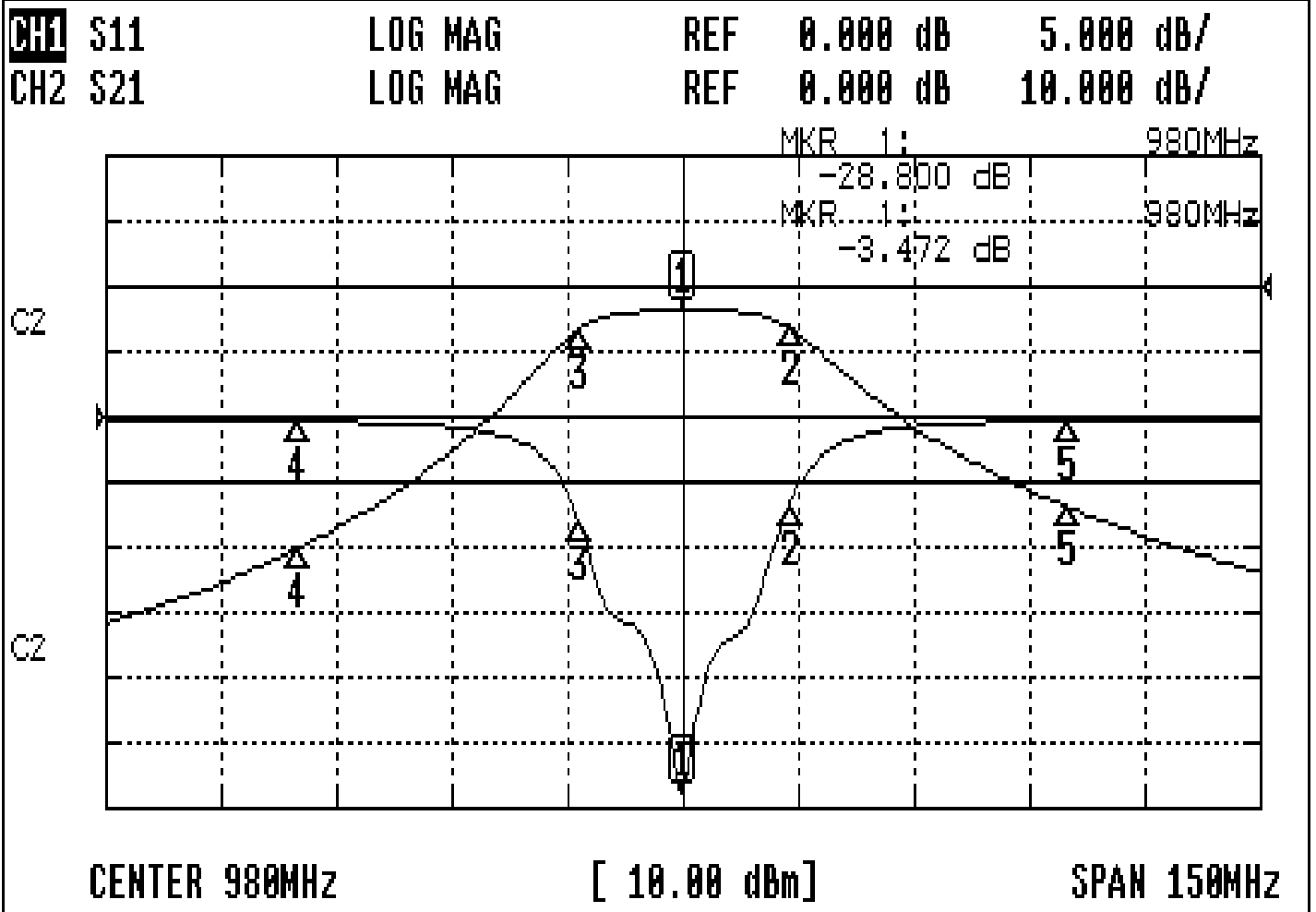


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	L.F.Lai	5R3S(3.8*3.7)(3.72) 5HW024RB3

TEMWELL CORPORATION

# Performance-K3RBT-980M-20M

## 200909075CD



### CH1 MARKER LIST

1:	980.000MHz	-28.800	dB
2:	993.875MHz	-6.823	dB
3:	966.500MHz	-7.876	dB
4:	930.000MHz	-0.346	dB
5:	1.030000GHz	-0.320	dB

### CH2 MARKER LIST

1:	980.000MHz	-3.472	dB
2:	993.875MHz	-6.399	dB
3:	966.500MHz	-6.524	dB
4:	930.000MHz	-40.137	dB
5:	1.030000GHz	-33.821	dB