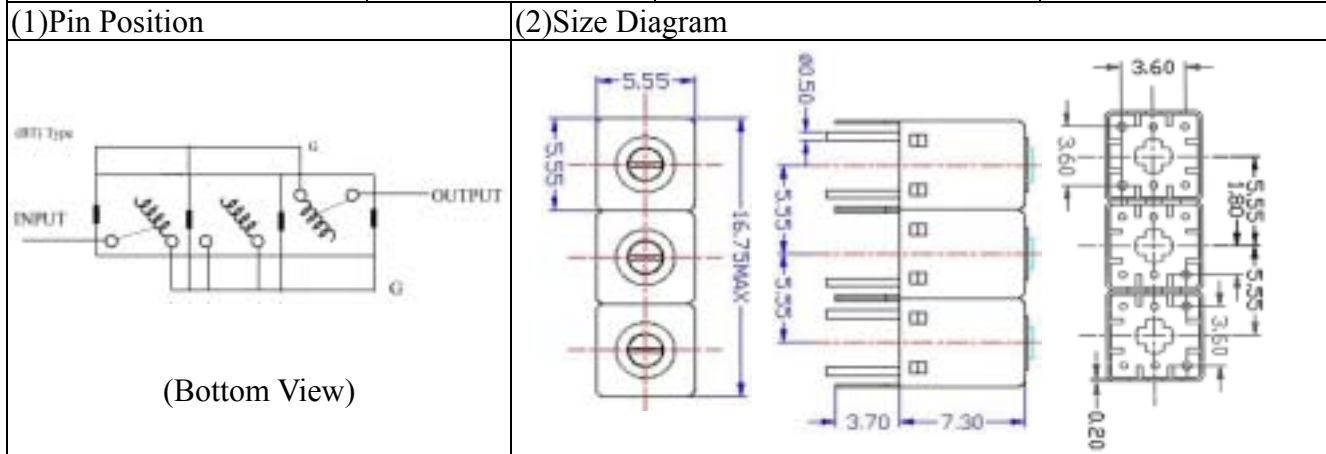


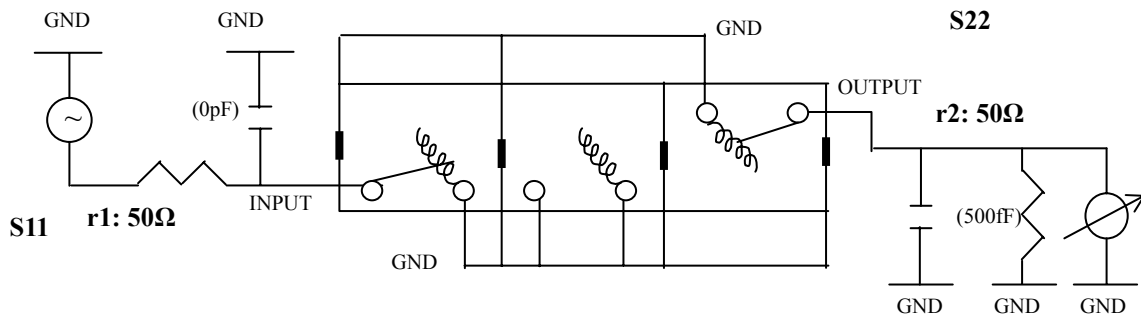
VHF UHF Helical Filter Specification Sheet

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 Charasteric	
Item	Specify
Center Freq.(Fo) +/- 0.5 %	980 MHz
Insertion Loss	Typ. 4.0 dB
-3 dB Bandwidth	Typ. 20 MHz
Sensitivity (Attenuation)	Fo - 50 MHz Typ. 22 dBc
	Fo + 50 MHz Typ. 18 dBc
	Fo - ()MHz Typ. dBc
	Fo +()MHz Typ. dBc
Return Loss	Min. 12 dB
Ripple	< 1 dB
Impedance	In / Out : 50 Ω
(4)Torque for Tuning Screw	> 60gf cm
(5)Temperature Condition:	
Operating Temperature	0 ~ +60
Storage Temperature	-20 ~ +70
(6)Input Power	> 0.5Watt

(7)Measuring Circuit: Easy to match Impedance S11/S22 50Ω/ by parallel with about(0pF) / (500fF).



(Bottom View)

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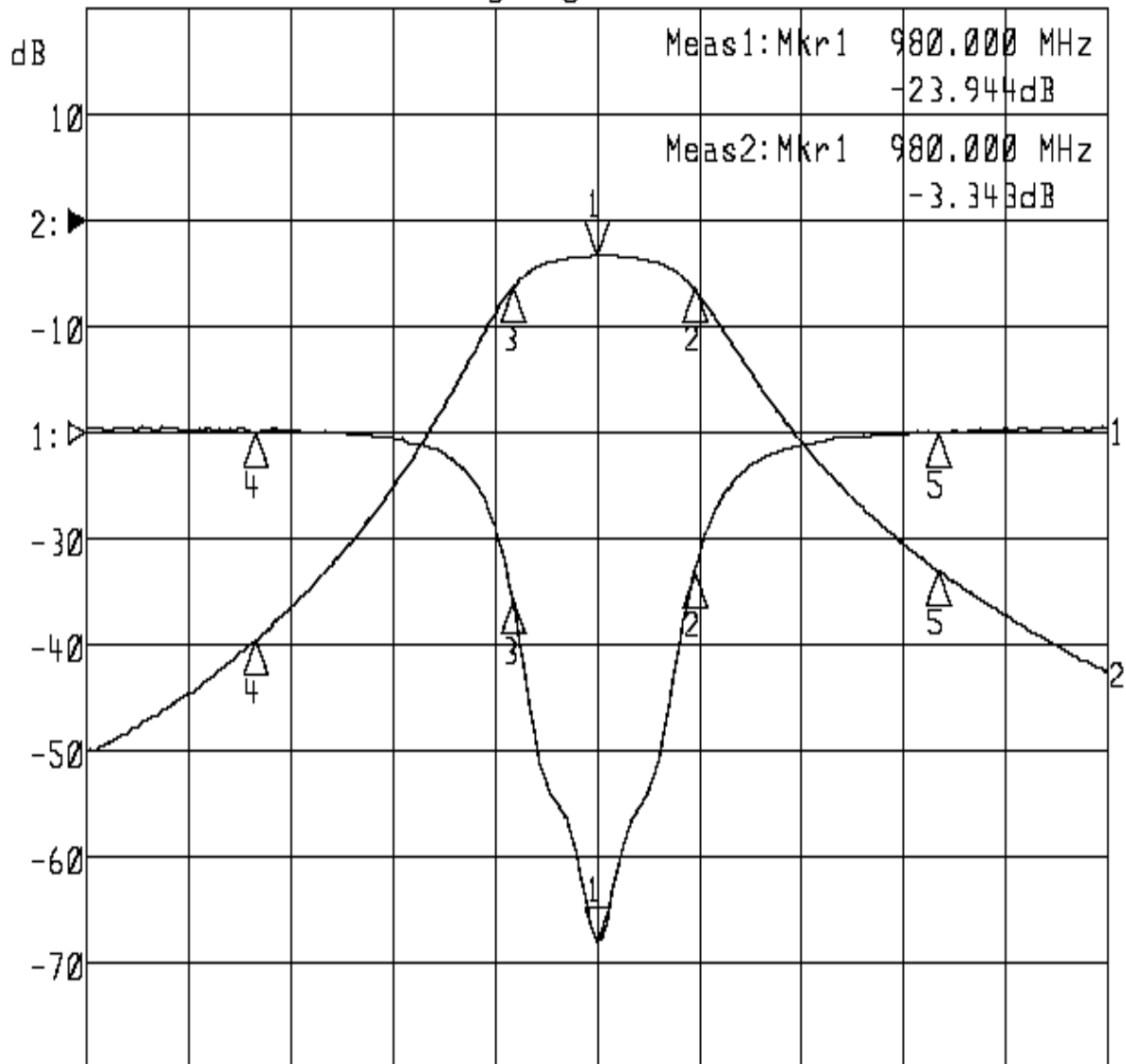
TEMWELL CORPORATION

Performance-K3RBT-980M-20M

200909075CD

▶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



Center 980.000 MHz

Span 150.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 980.0000	-23.944	1> 980.0000	-3.343
2: 994.2500	-6.635	2: 994.2500	-6.326
3: 967.6500	-7.822	3: 967.6500	-6.332
4: 930.0000	0.030	4: 930.0000	-39.593
5: 1030.0000	-0.005	5: 1030.0000	-32.951