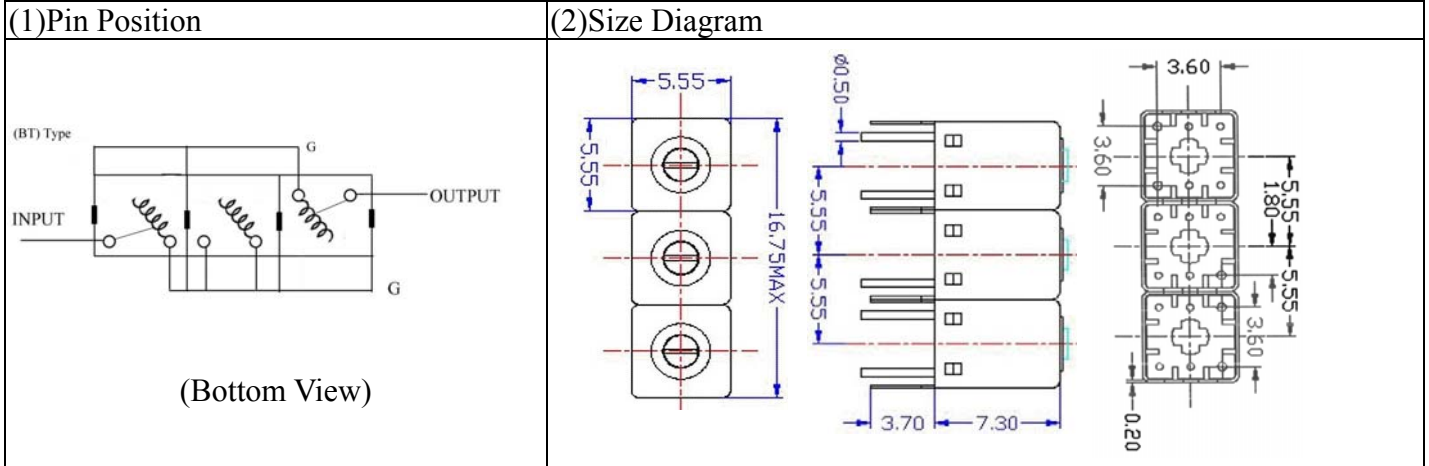


VHF UHF Helical Filter Specification Sheet

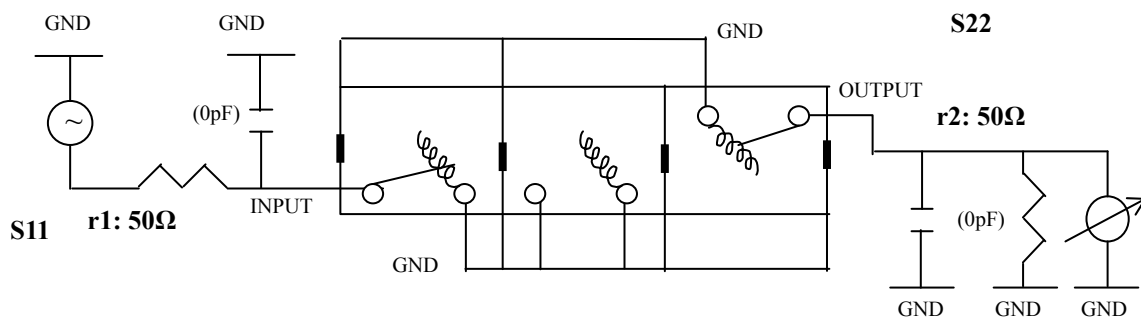
Customer Name		Temwell's Part No.	K3RBT-800M-20M
Approval No. /dated	0909072CD	Temwell's Print name	K3RBT 800M
Work Instruction No.	200909072CD	Date	Oct.12.2009



(3) Electric Characteristic			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	800 MHz	800 MHz	
Insertion Loss	Typ. 4.0 dB	2.91 dB	
-3 dB Bandwidth	Typ. 20 MHz	25.0 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 28 dBc	34 dBc
	Fo + 50 MHz	Typ. 24 dBc	29 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo + ()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	44.6 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).



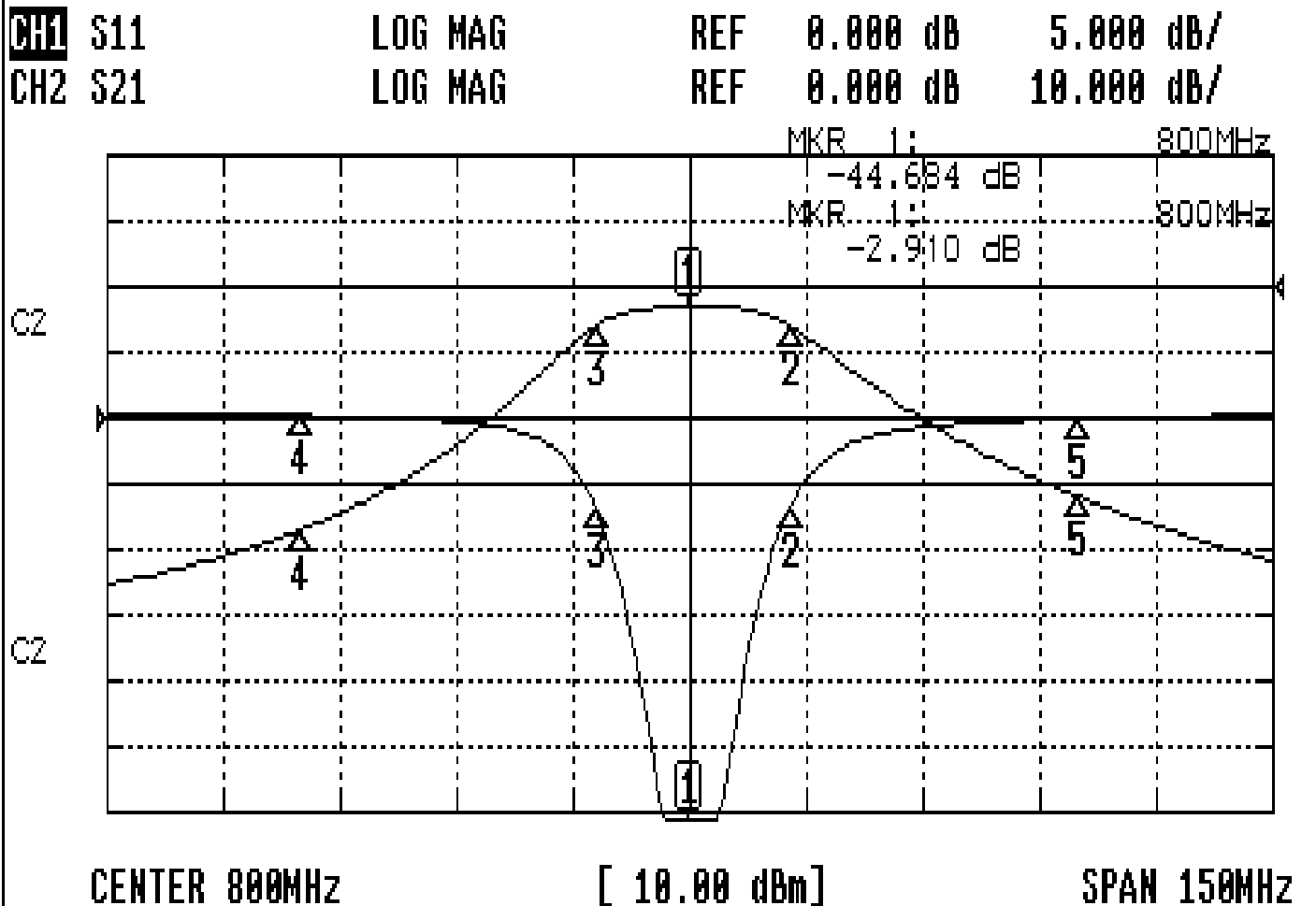
(Bottom View)

Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	C.H.Yeh	5R3S(3.8*3.7)(3.72) 5HW024RB3

TEMWELL CORPORATION

Performance-K3RBT-800M-20M

200909072CD



CH1 MARKER LIST			
1:	800.000MHz	-44.684	dB
2:	813.000MHz	-6.804	dB
3:	788.000MHz	-6.847	dB
4:	750.000MHz	0.165	dB
5:	850.000MHz	-0.017	dB
6:			
7:			
8:			
9:			
10:			

CH2 MARKER LIST			
1:	800.000MHz	-2.910	dB
2:	813.000MHz	-15.944	dB
3:	788.000MHz	-15.916	dB
4:	750.000MHz	-36.969	dB
5:	850.000MHz	-31.905	dB
6:			
7:			
8:			
9:			
10:			