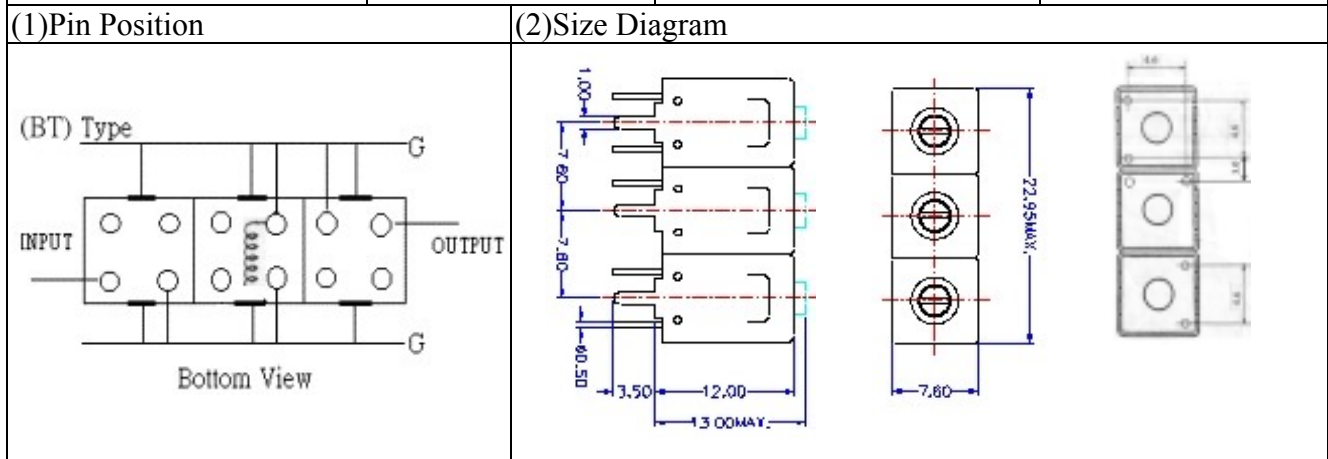


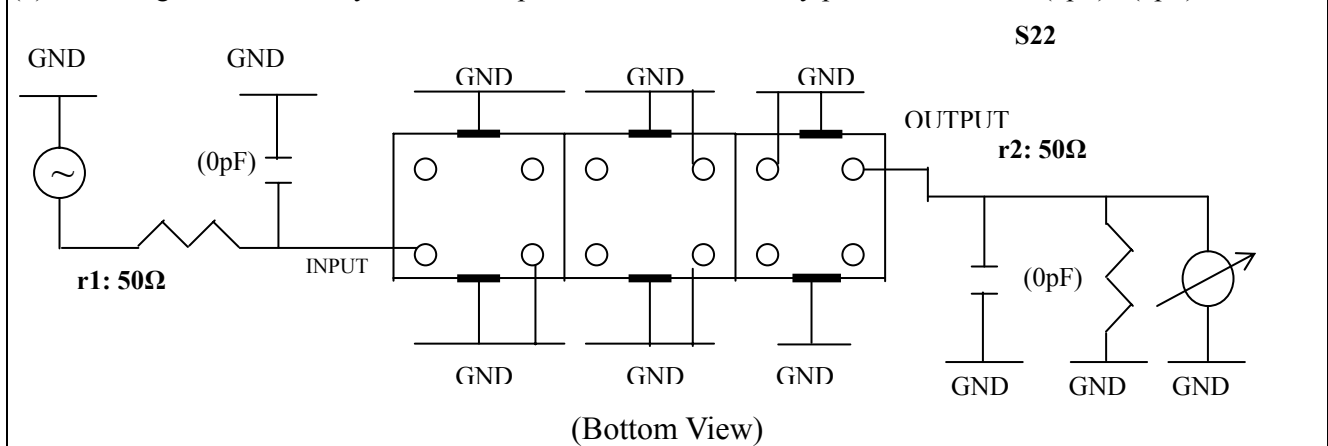
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	K3BT-680M-13M
Approval No. /dated	20402075DC	Customer's Part No.	
Work Instruction No.	20402075DC	Date	Feb.02.2004



(3) Electric Characteristic	
Item	Specify
Center Freq.(Fo) +/- 0.5 %	680 MHz
Insertion Loss	Typ. 3.5 dB
-3 dB Bandwidth	Typ. 13 MHz
Sensitivity (Attenuation)	Fo - 50 MHz Typ. 40 dBc
	Fo + 50 MHz Typ. 30 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	> 1Watt

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

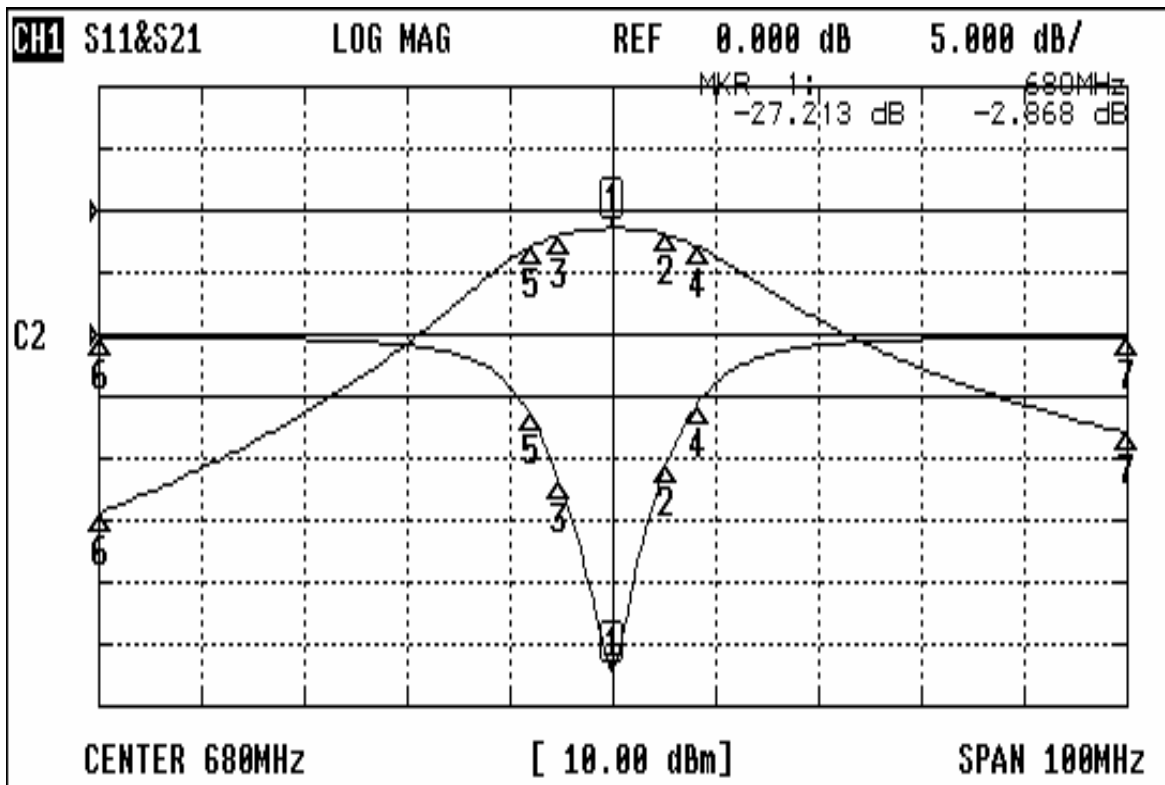


Approval	Supervisor	Designer	Aperture size
	C.S.Chang	Enlan	7H3 (4*5.5)(5.58)F

TEMWELL CORPORATION

Performance- K3BT-680M-13M

20402075DC



CH1 MARKER LIST

1:	680.000MHz	-27.213 dB	-2.868 dB
2:	685.250MHz	-10.633 dB	-3.876 dB
3:	674.916MHz	-11.911 dB	-3.889 dB
4:	688.250MHz	-5.682 dB	-5.819 dB
5:	672.000MHz	-6.445 dB	-5.838 dB
6:	630.000MHz	-0.177 dB	-48.629 dB
7:	730.000MHz	-0.197 dB	-35.925 dB
8:			
9:			
10:			