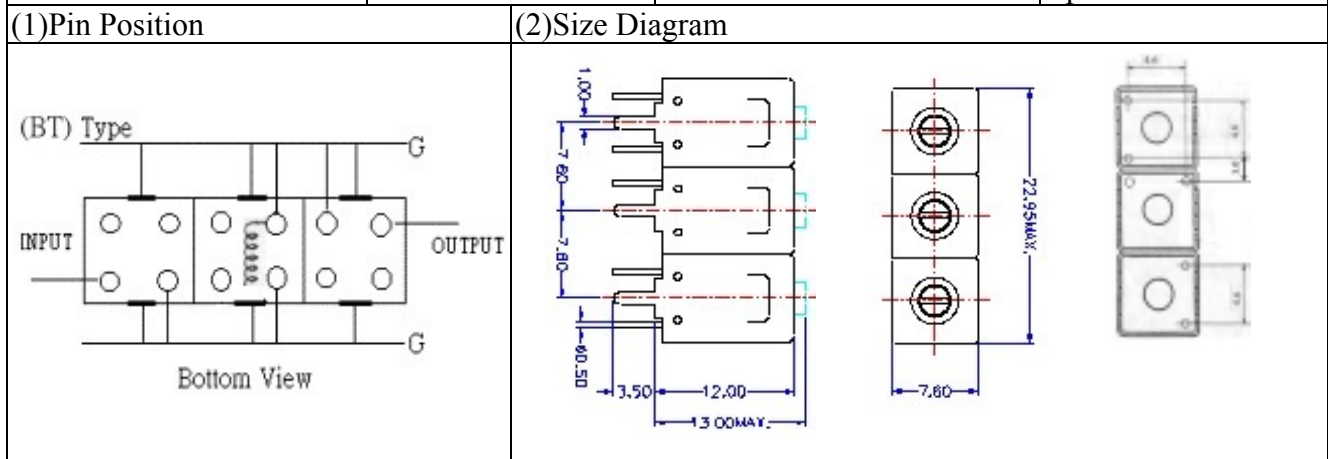


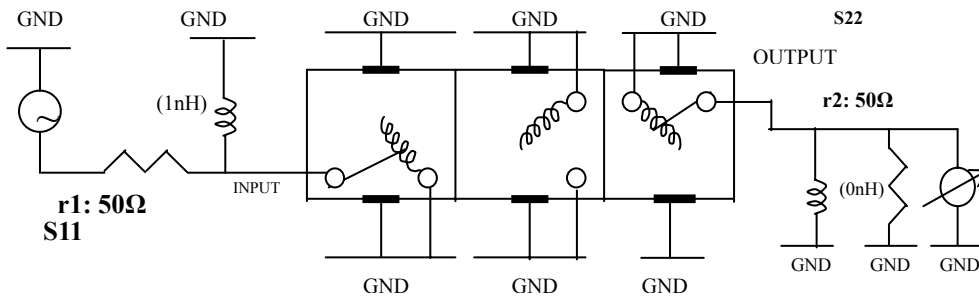
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	K3BT-510M-15M
Approval No. /dated	20404059DC	Customer's Part No.	
Work Instruction No.	20404059DC	Date	Apr.22.2004



(3) Electric Characteristic	
Item	Specify
Center Freq.(Fo) +/- 0.5 %	510 MHz
Insertion Loss	Typ. 3.5 dB
-3 dB Bandwidth	Typ. 15 MHz
Sensitivity (Attenuation)	Fo - 40 MHz Typ. 30 dBc
	Fo + 40 MHz Typ. 23 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(0~1nH) / (0 nH).



(Bottom View)

Approval	Supervisor	Designer	Aperture size
	C.S.Chang	P.H.Ching	7H3(4*6.5)(6.55)

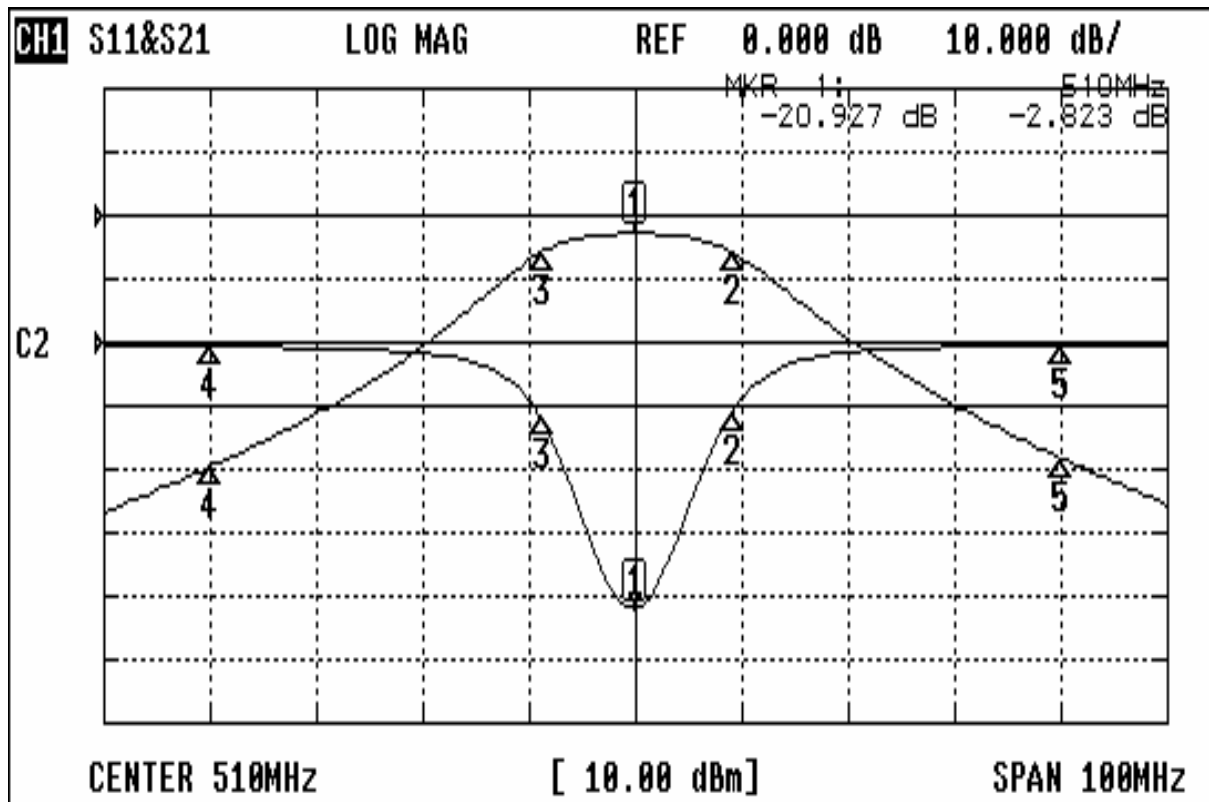
TEMWELL CORPORATION

TEMWELL

Form10-7H3BT Vision D

Performance-K3BT-510M-15M

20404059DC



CH1 MARKER LIST

1:	510.000MHz	-20.927 dB	-2.823 dB
2:	519.166MHz	-5.482 dB	-5.857 dB
3:	501.166MHz	-5.939 dB	-5.808 dB
4:	470.000MHz	-0.319 dB	-39.597 dB
5:	550.000MHz	-0.271 dB	-38.159 dB
6:			
7:			
8:			
9:			
10:			