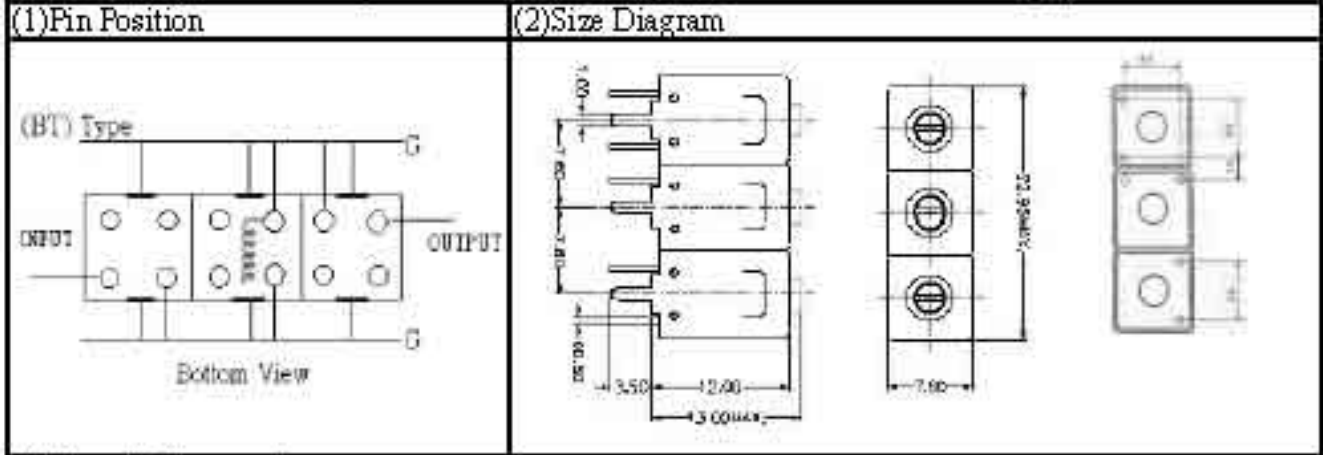


VHF UHF Helical Filter Specification Sheet

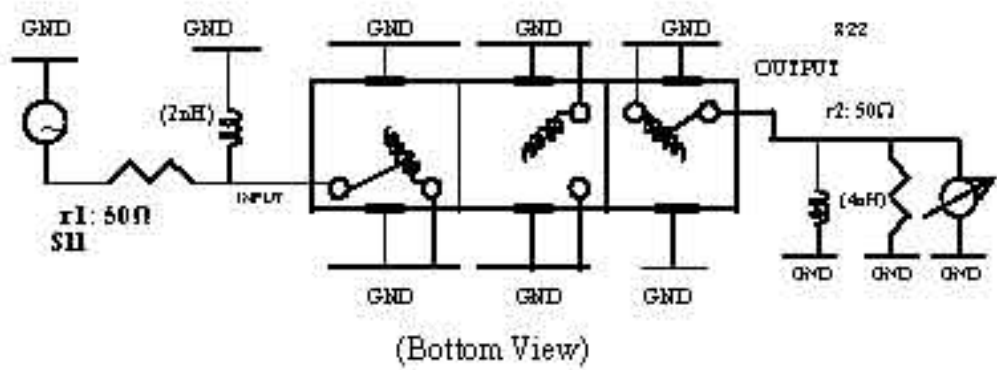
Customer Name		Temwell's Part No.	K3BT-835M-20M
Approval No. /dated	20404063DC	Customer's Part No.	
Work Instruction No.	20404063DC	Date	Apr.23.2004



(3) Electric Characteristic		Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %			835 MHz	835 MHz
Tunable Range: <input type="checkbox"/> Fo±5MHz <input checked="" type="checkbox"/> Fo±10MHz <input type="checkbox"/> Fo±15MHz			835±10 MHz	835±10 MHz
Insertion Loss			Typ. 3.0 dB	1.86 dB
-3 dB Bandwidth			Typ. 23 MHz	27 MHz
Sensitivity (Attenuation)	Fo - 75 MHz	Typ. 33 dBc		45 dBc
	Fo + 35 MHz	Typ. 10 dBc		18 dBc
	Fo - ()MHz	Typ. dBc		dBc
	Fo + ()MHz	Typ. dBc		dBc
Return Loss			Min. 12 dB	23 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	> 1Watt

(7) Measuring Circuit: ※Easy to match Impedance S11/S22 50Ω/ by parallel with about (0~2 nH) / (0~4 nH).



Approval	Supervisor	Designer	Aperture size
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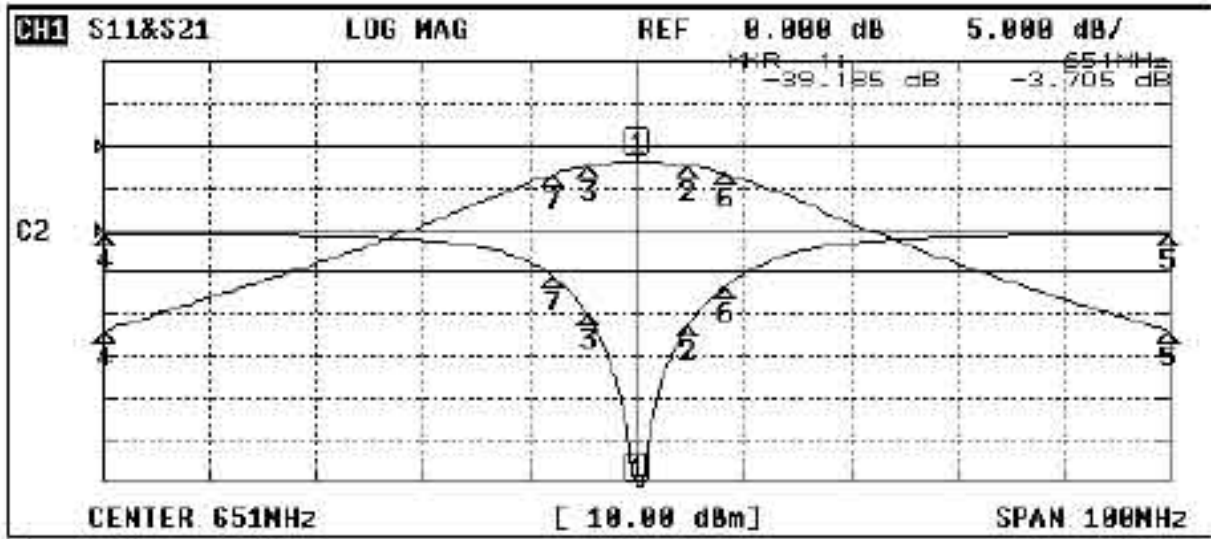
(Bottom View)

Approval	Supervisor	Designer	Aperture size
	C.S.Chang	P.H.Ching	7H3(4*8.0)(8.04)
TEMWELL CORPORATION			

TEMWELL Form10-7H3BT Vision D

Performance-K3BT-835M-20M

20404063DC



CH1 MARKER LIST			
1:	651.000MHz	-39.183 dB	-3.704 dB
2:	655.916MHz	-11.307 dB	-4.704 dB
3:	646.333MHz	-10.165 dB	-4.711 dB
4:	681.000MHz	-0.410 dB	-44.219 dB
5:	781.000MHz	-0.444 dB	-44.086 dB
6:	659.416MHz	-6.544 dB	-6.724 dB
7:	643.000MHz	-5.476 dB	-6.770 dB
8:			
9:			
10:			

