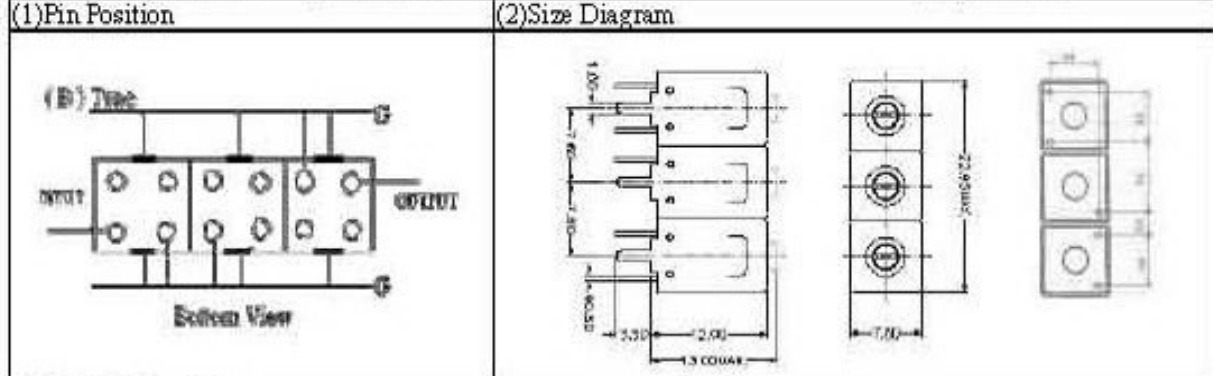


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TT67865B-851M
Approval No. /dated	0605051DC	Acceptable Specify Fo Range	831~860 MHz
Work Instruction No.	0605051DC	Date	May.16.2006



(3) Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	851 MHz	851 MHz	
Tunable Range	851±5 MHz	851±5 MHz	
Insertion Loss	Typ. 2.5 dB	1.17 dB	
-3dB Bandwidth	Typ. 90 MHz	100.3 MHz	
Sensitivity (Attenuation)	Fo - 150 MHz	Typ. 39 dB	42 dB
	Fo + 150 MHz	Typ. 21 dB	24 dB
	Fo - ()MHz	Typ. dB	dB
	Fo + ()MHz	Typ. dB	dB
Return Loss	Min. 12 dB	22.0 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

(4) Torque for Tuning Screw > 100gf · cm

(5) Temperature Condition:

Operating Temperature	0°C ~ +60°C
Storage Temperature	-20°C ~ +70°C

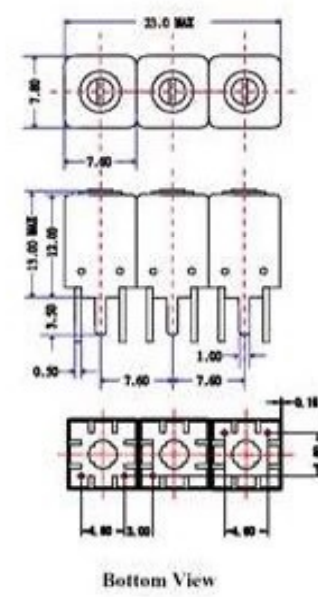
(6) Input Power > 1Watt

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

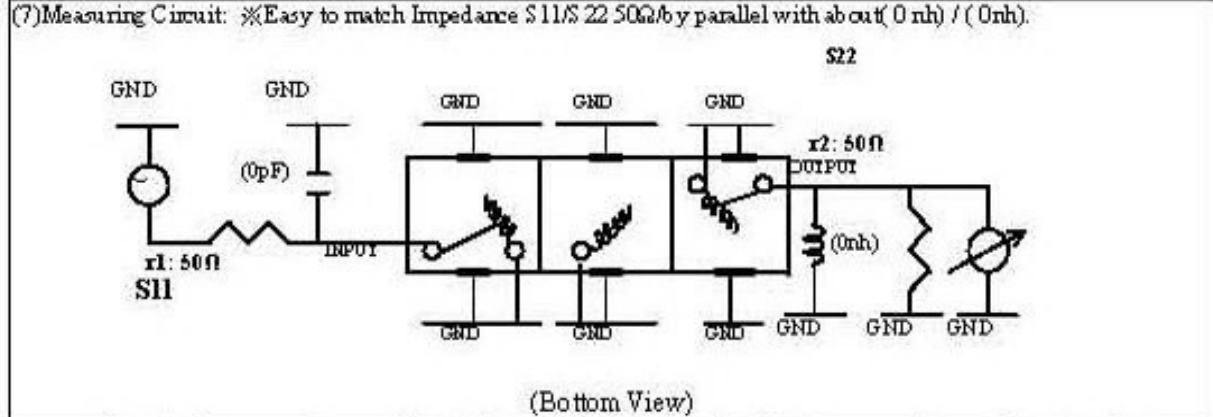
Parts No	TT67865B-851M
Match Range	831~860MHz
Series	7H3
(-3)B.W	90(MHz)
IL	2.5(dB)
Fo-(150)MHz	39(dBc)
Fo+(150)MHz	21(dBc)
Impedance	50(ohm)



SIZE DIAGRAM 7H3 (B)



TEMWELL CORPORATION



Approval	Supervisor	Designer	Aperture size
C.Y. Chang	C.S. Chang	P.H. Chiang	7H3(4*6.5)(6.57)