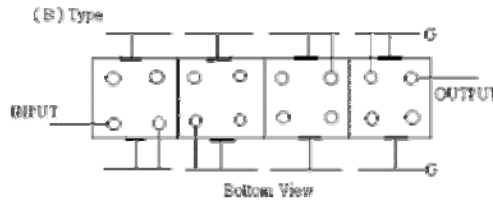
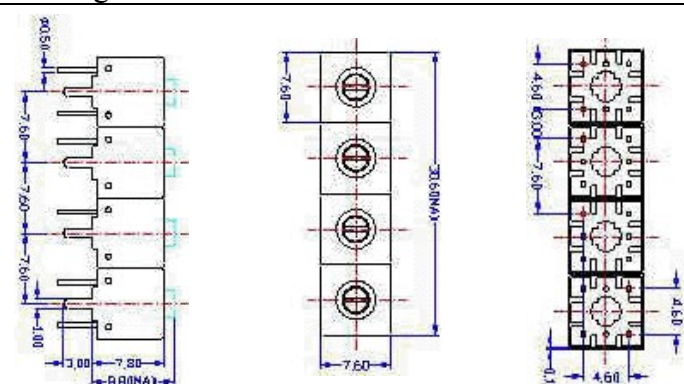


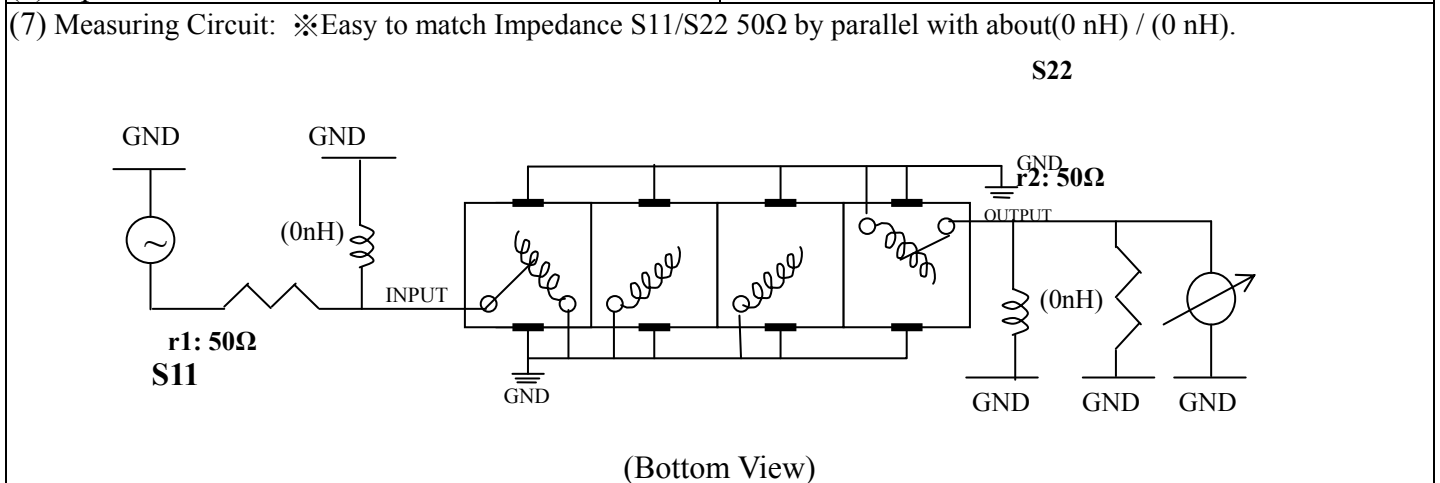
# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TF69655B2-870M
Approval No. /dated	0601005APR	Acceptable Specify Fo Range	861-900 MHz
Work Instruction No.	0601005DC	Date	Jan.10.2006

<p>(1) Pin Position</p>  <p>(B) Type</p> <p>INPUT</p> <p>OUTPUT</p> <p>Bottom View</p>	<p>(2) Size Diagram</p> 
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(3) Electric Character		Item	Specify	Performance
		Center Freq. (Fo) +/- 0.5 %	870 MHz	870 MHz
		Insertion Loss	Typ. 4.0 dB	3.07 dB
		-3 dB Bandwidth	Typ. 27 MHz	31.4 MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 48 dB <sub>c</sub>		51 dB <sub>c</sub>
	Fo + 50 MHz	Typ. 31 dB <sub>c</sub>		35 dB <sub>c</sub>
	Fo - ( )MHz	Typ. dB <sub>c</sub>		dB <sub>c</sub>
	Fo +( )MHz	Typ. dB <sub>c</sub>		dB <sub>c</sub>
		Return Loss	Min. 12 dB	16.5 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

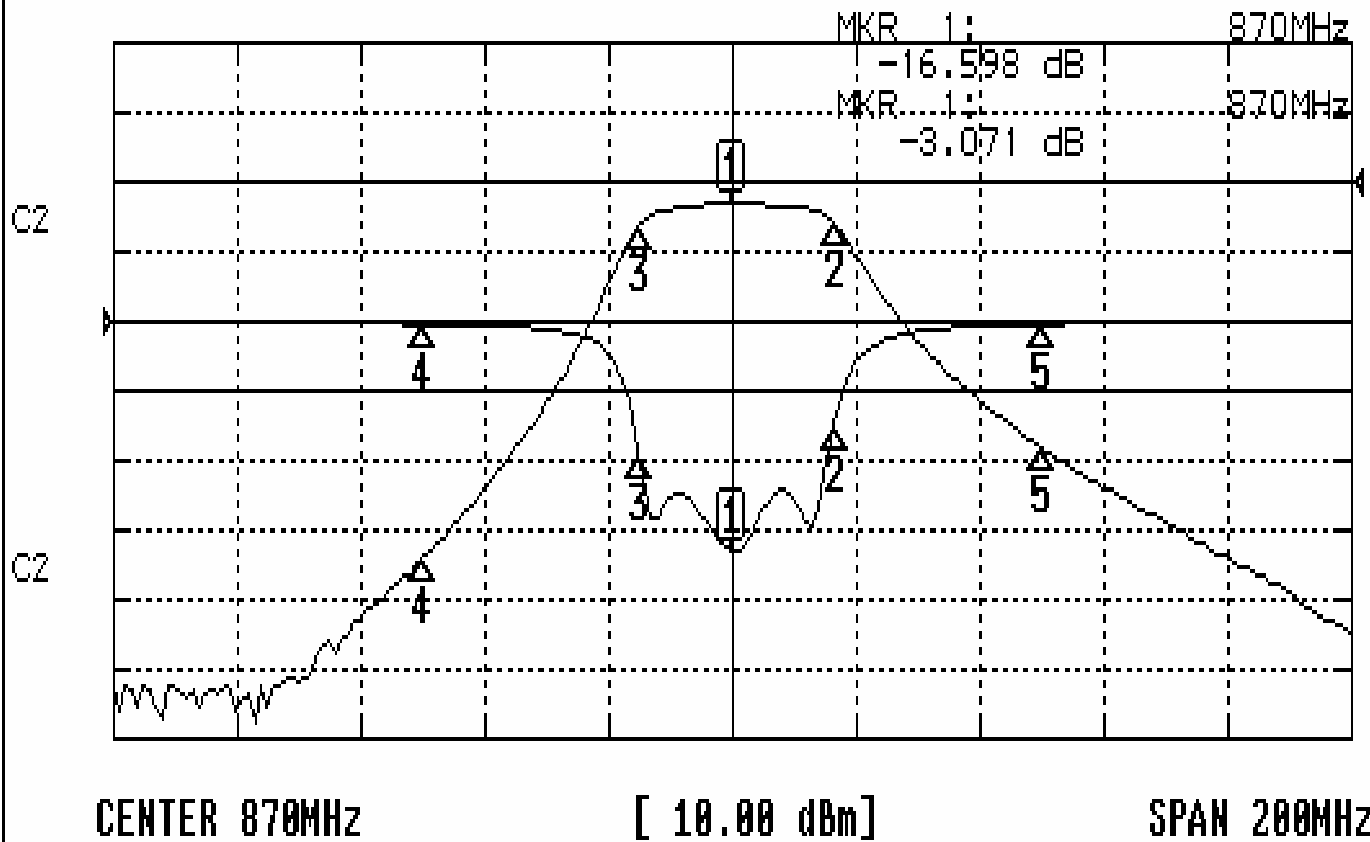


Approval	Supervisor	Designer	Aperture size
C.Y. Chang	C.S. Chang	C.S. Chang	7H4S(4*6.5)(4*6.60) 7H046RB4
TEMWELL CORPORATION			

# Performance-TF69655B2-870M

## 0601005DC

CH1 S11 LOG MAG REF 0.000 dB 5.000 dB/  
CH2 S21 LOG MAG REF 0.000 dB 10.000 dB/



### CH1 MARKER LIST

1:	870.000MHz	-16.598 dB
2:	886.500MHz	-7.391 dB
3:	855.166MHz	-9.746 dB
4:	820.000MHz	-0.170 dB
5:	920.000MHz	-0.181 dB

### CH2 MARKER LIST

1:	870.000MHz	-3.071 dB
2:	886.500MHz	-6.020 dB
3:	855.166MHz	-6.061 dB
4:	820.000MHz	-3.976 dB
5:	920.000MHz	-8.109 dB