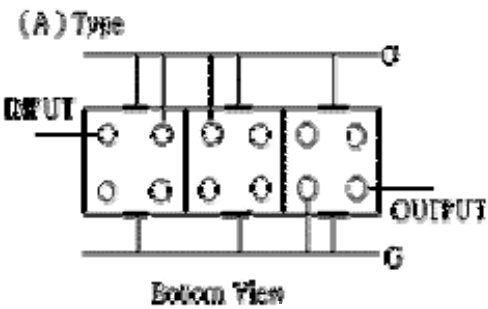
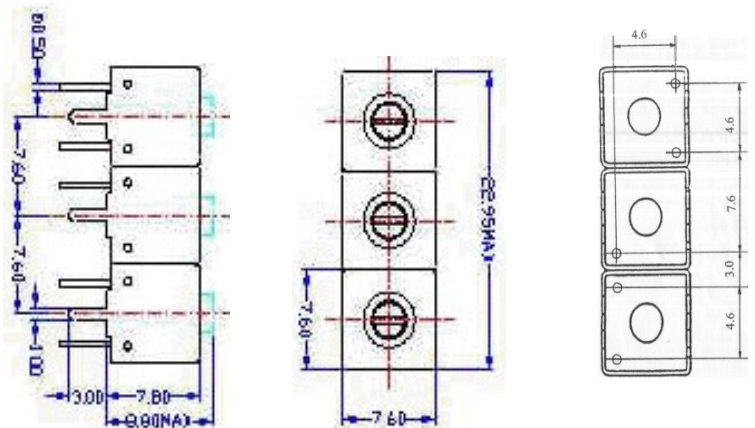


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTS3164A-850M
Approval No. /dated	20104053DC	Acceptable Specify Fo. Range	831~860MHz
Work Instruction No.	20104053DC	Date	2001.4.19

<p>(1) Pin Position</p>  <p style="text-align: center;">(A) Type Bottom View</p>	<p>(2) Size Diagram</p> 
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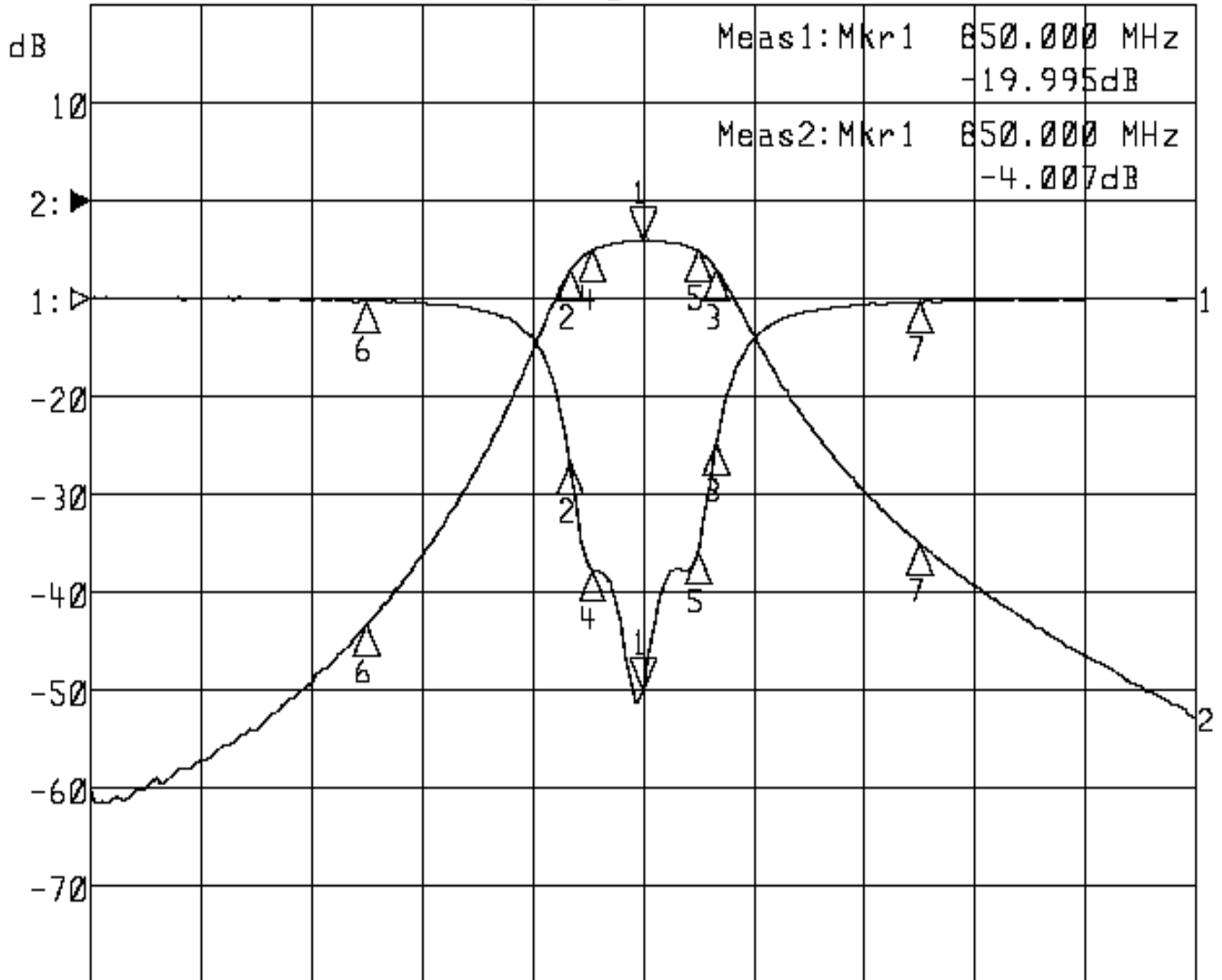
(3) Electric Character			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	850 MHz	850 MHz	
Tunable Range	850 ±10 MHz	850 ±10 MHz	
Insertion Loss	Typ. 5.0 dB	3.9 dB	
-3 dB Bandwidth	Typ. 22 MHz	27 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 36 dBc	39 dBc
	Fo + 50 MHz	Typ. 27 dBc	30 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	19.9 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		> 1 Watt	
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7S3S (4*5.2) 7S046LB4

TEMWELL CORPORATION

Performance-TTS3164A-850M

20104053DC

▶1: S11 Refl Port1 Log Mag 5.0 dB/ Ref 0.00 dB C
 ▶2: S21 Fwd Trans Log Mag 10.0 dB/ Ref 0.00 dB C



Meas1: Mkr1 850.000 MHz
 -19.995dB
 Meas2: Mkr1 850.000 MHz
 -4.007dB

Center 850.000 MHz

Span 200.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 850.0000	-19.995	1> 850.0000	-4.007
2: 836.8667	-8.418	2: 836.8667	-7.064
3: 863.3333	-7.314	3: 863.3333	-7.028
4: 840.8000	-13.819	4: 840.8000	-5.030
5: 859.8000	-12.990	5: 859.8000	-5.038
6: 800.0000	-0.084	6: 800.0000	-43.190
7: 900.0000	-0.174	7: 900.0000	-34.987