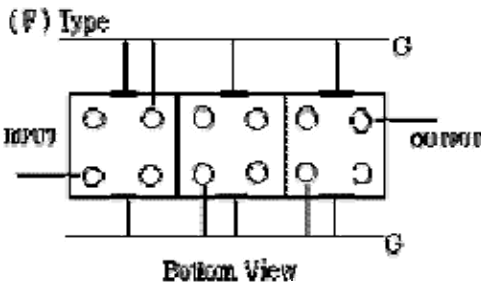
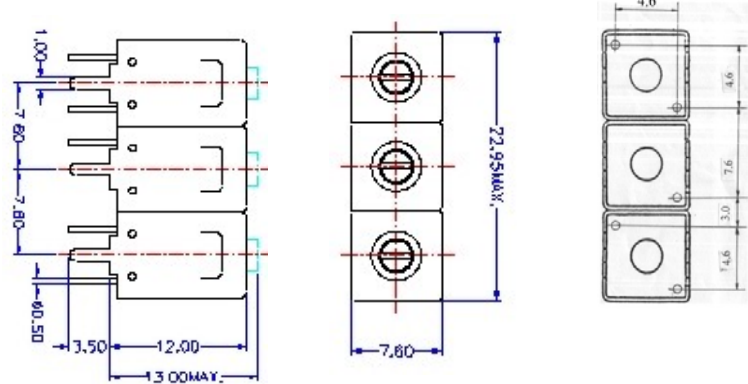


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTL67531F-565M
Approval No. /dated	20208017DC	Acceptable Specify Fo. Range	556~595MHz
Work Instruction No.	20208017DC	Date	Aug. 08, 2002

<p>(1) Pin Position</p> 	<p>(2) Size Diagram</p> 
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(3) Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	565 MHz	565 MHz	
Tunable Range	565±5 MHz	565±5 MHz	
Insertion Loss	Typ. 1.5 dB	0.5 dB	
-1 dB Bandwidth	Typ. 40 MHz	43 MHz	
-3 dB Bandwidth	Typ. 45 MHz	48 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 49 dBc	51 dBc
	Fo + 100 MHz	Typ. 23 dBc	25 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo + ()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	17.1 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 75 Ω	In / Out : 75 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

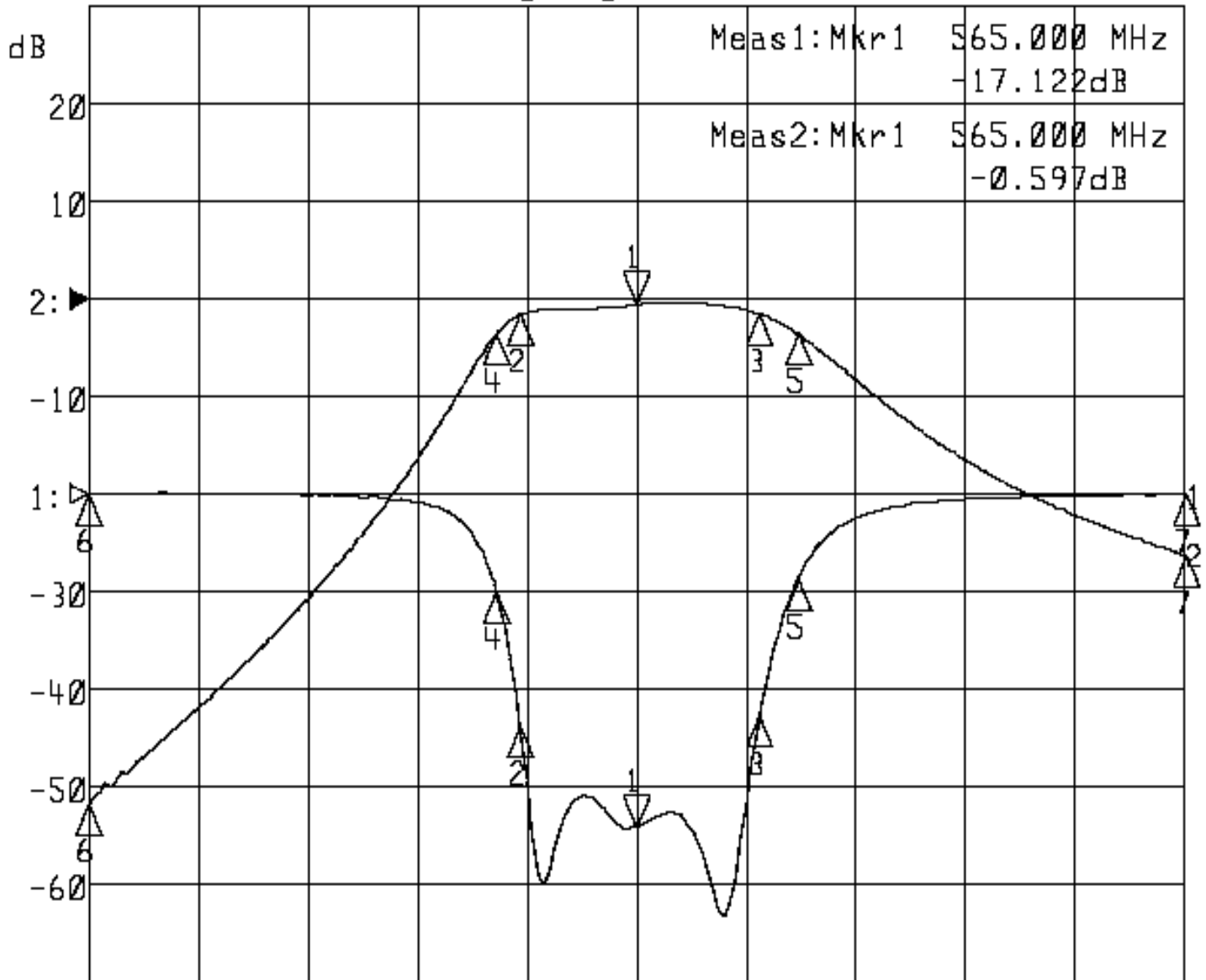
		> 1Watt	
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7H3,4*8.0 7H046LB5

TEMWELL CORPORATION

Performance-TTL67531F-565M

20208017DC

▷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



Center 565.000 MHz

Span 200.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 565.0000	-17.122	1> 565.0000	-0.597
2: 543.8000	-11.816	2: 543.8000	-1.580
3: 587.5333	-11.326	3: 587.5333	-1.531
4: 539.4667	-4.996	4: 539.4667	-3.541
5: 594.4000	-4.384	5: 594.4000	-3.553
6: 465.0000	-0.026	6: 465.0000	-51.856
7: 665.0000	-0.050	7: 665.0000	-26.229