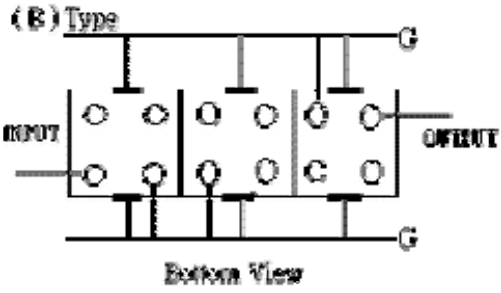
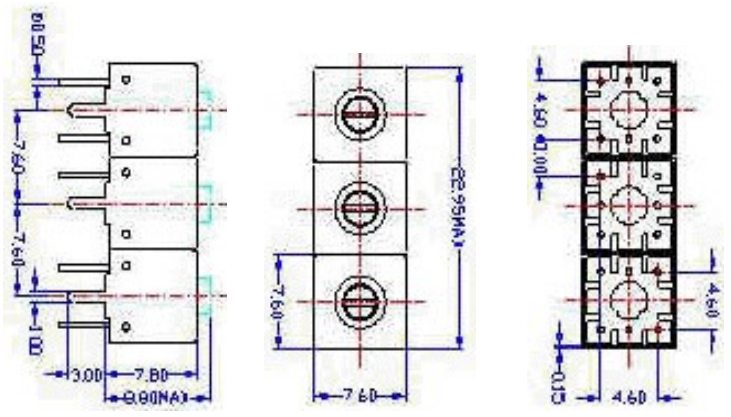


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTS3084B-530M
Approval No. /dated	20106026DC	Acceptable Specify Fo. Range	516~555MHz
Work Instruction No.	20106026DC	Date	2001.06.14

<p>(1) Pin Position</p>  <p style="text-align: center;">Bottom View</p>	<p>(2) Size Diagram</p> 
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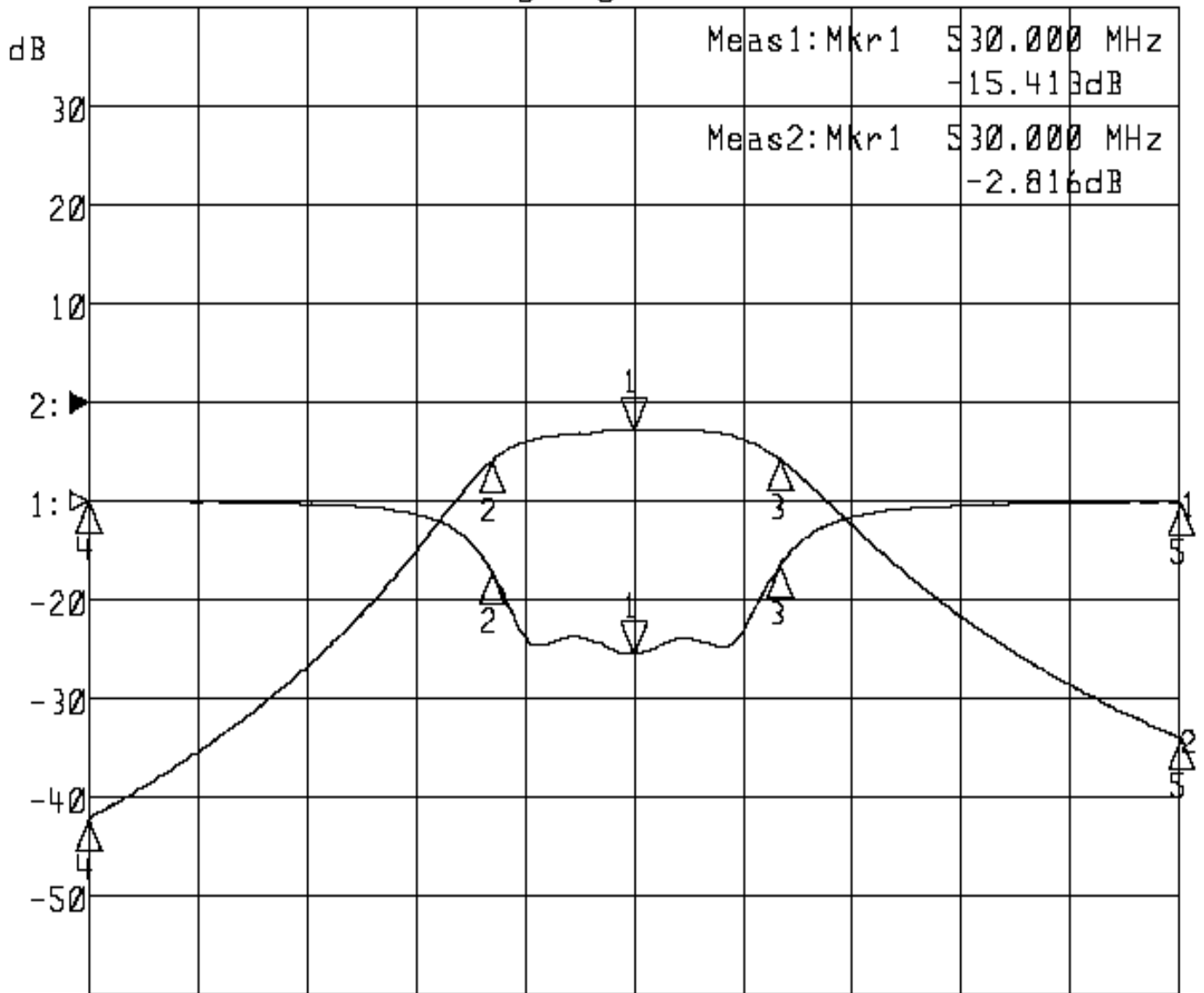
(3) Electric Character			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	530 MHz	530 MHz	
Tunable Range	530±5 MHz	530±5 MHz	
Insertion Loss	Typ. 3.5 dB	2.8 dB	
-3 dB Bandwidth	Typ. 23 MHz	26 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 36 dBc	39 dBc
	Fo + 50 MHz	Typ. 28 dBc	31 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	15.4 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*3.5) 7S024RB5.5

TEMWELL CORPORATION

Performance- TTS3084B-530M

20106026DC

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



Center 530.000 MHz

Span 100.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 530.0000	-15.413	1> 530.0000	-2.816
2: 517.0333	-7.191	2: 517.0333	-5.895
3: 543.4333	-6.448	3: 543.4333	-5.814
4: 480.0000	-0.094	4: 480.0000	-42.240
5: 580.0000	-0.157	5: 580.0000	-34.051