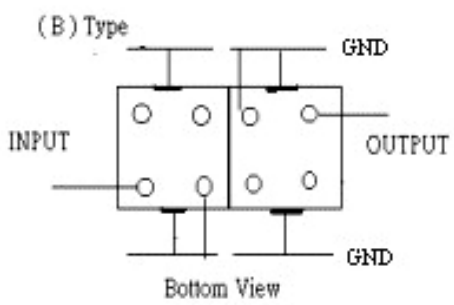
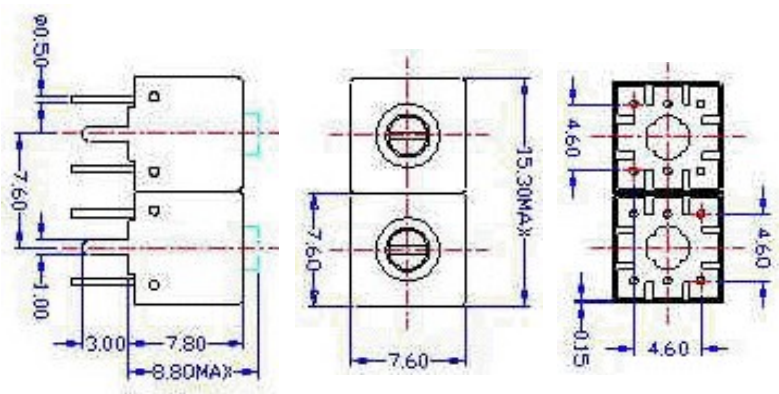


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDS2067B-440M
Approval No. /dated	20107026B	Acceptable Specify Fo. Range	401~455MHz
Work Instruction No.	20107026B	Date	2001.07.10

<p>(1)Pin Position</p>  <p style="text-align: center;">Bottom View</p>	<p>(2)Size Diagram</p> 
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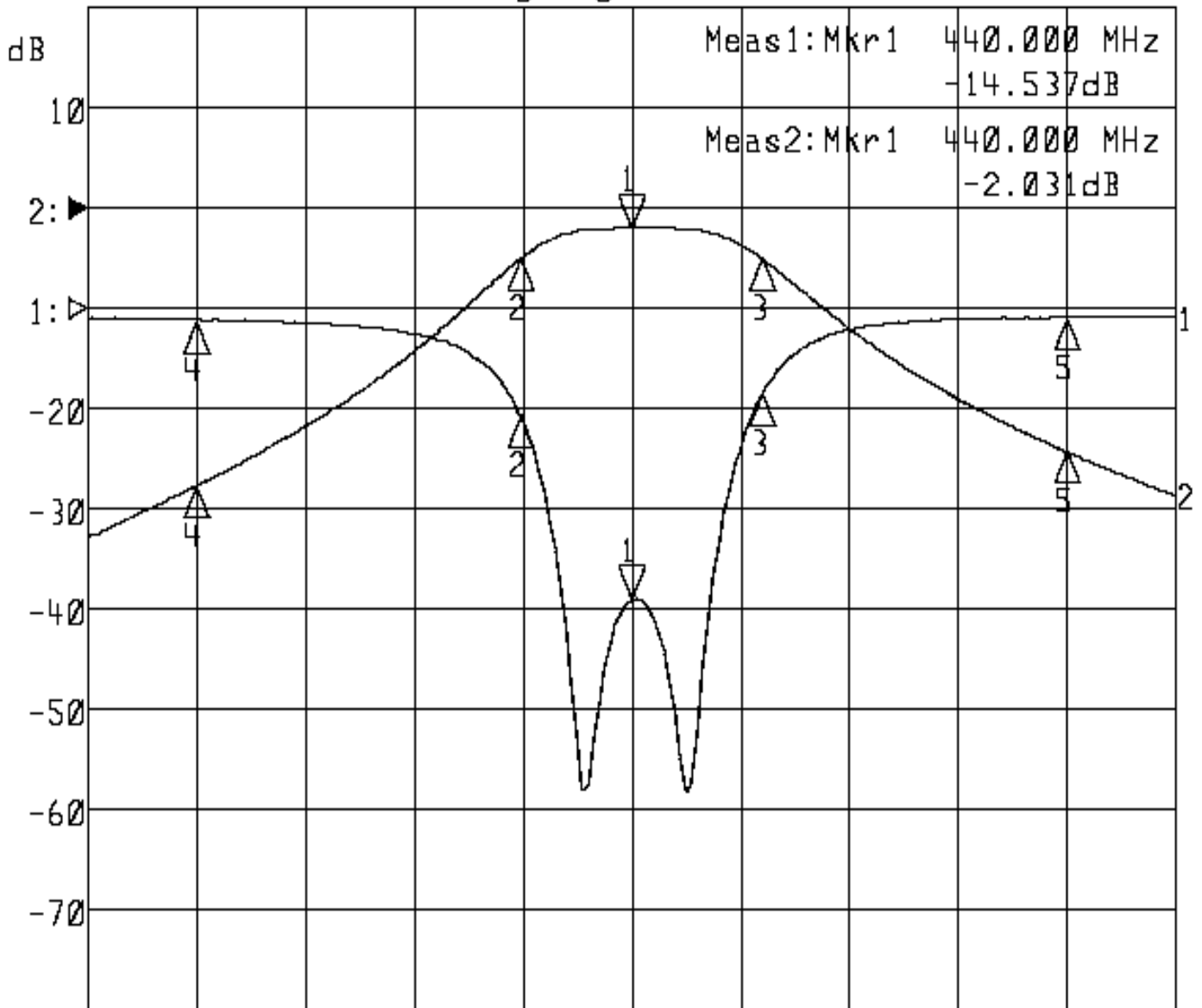
(3)Electric Character			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		440 MHz	440 MHz
Tunable Range		440±5 MHz	440±5 MHz
Insertion Loss		Typ. 3.0 dB	2.0 dB
-3 dB Bandwidth		Typ. 19 MHz	23 MHz
Sensitivity (Attenuation)	Fo - 40 MHz	Typ. 22 dBc	25 dBc
	Fo + 40 MHz	Typ. 19 dBc	22 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	15 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	7S2S(4*3.5) 7S024RB5.5

TEMWELL CORPORATION

Performance-TDS2067B-440M

20107026B

▶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 440.000 MHz

Span 100.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 440.0000	-14.537	1> 440.0000	-2.031
2: 429.8000	-5.369	2: 429.8000	-5.054
3: 452.0000	-4.262	3: 452.0000	-5.098
4: 400.0000	-0.587	4: 400.0000	-27.732
5: 480.0000	-0.472	5: 480.0000	-24.273