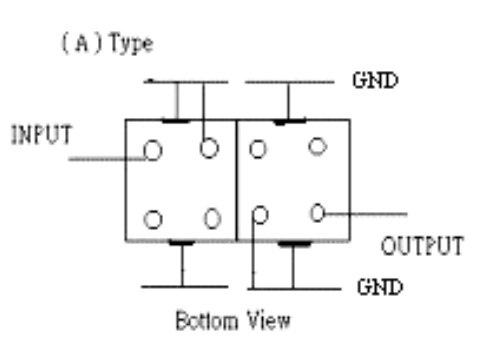
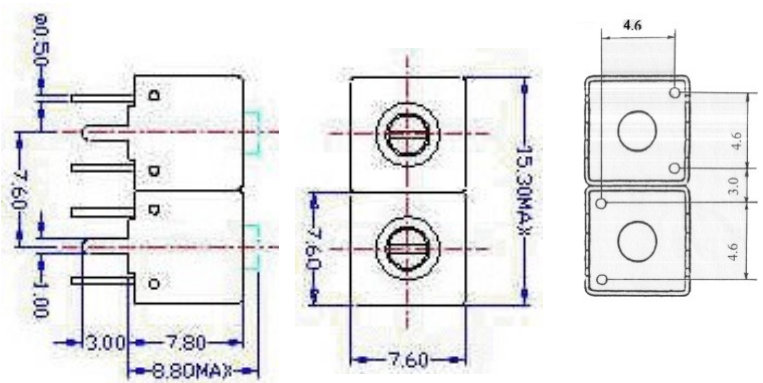


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDS2061A-434M
Approval No. /dated	20107051B	Acceptable Specify Fo. Range	401~455MHz
Work Instruction No.	20107051B	Date	2001.07.31

<p>(1) Pin Position</p>  <p>(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 %	434 MHz	434 MHz
Tunable Range	434±5 MHz	434±5 MHz
Insertion Loss	Typ. 6.5 dB	5.5 dB
-3 dB Bandwidth	Typ. 3.0 MHz	7.0 MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 43 dBc
	Fo + 50 MHz	Typ. 36 dBc
	Fo - ()MHz	Typ. dBc
	Fo +()MHz	Typ. dBc
Return Loss	Min. 12 dB	20 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

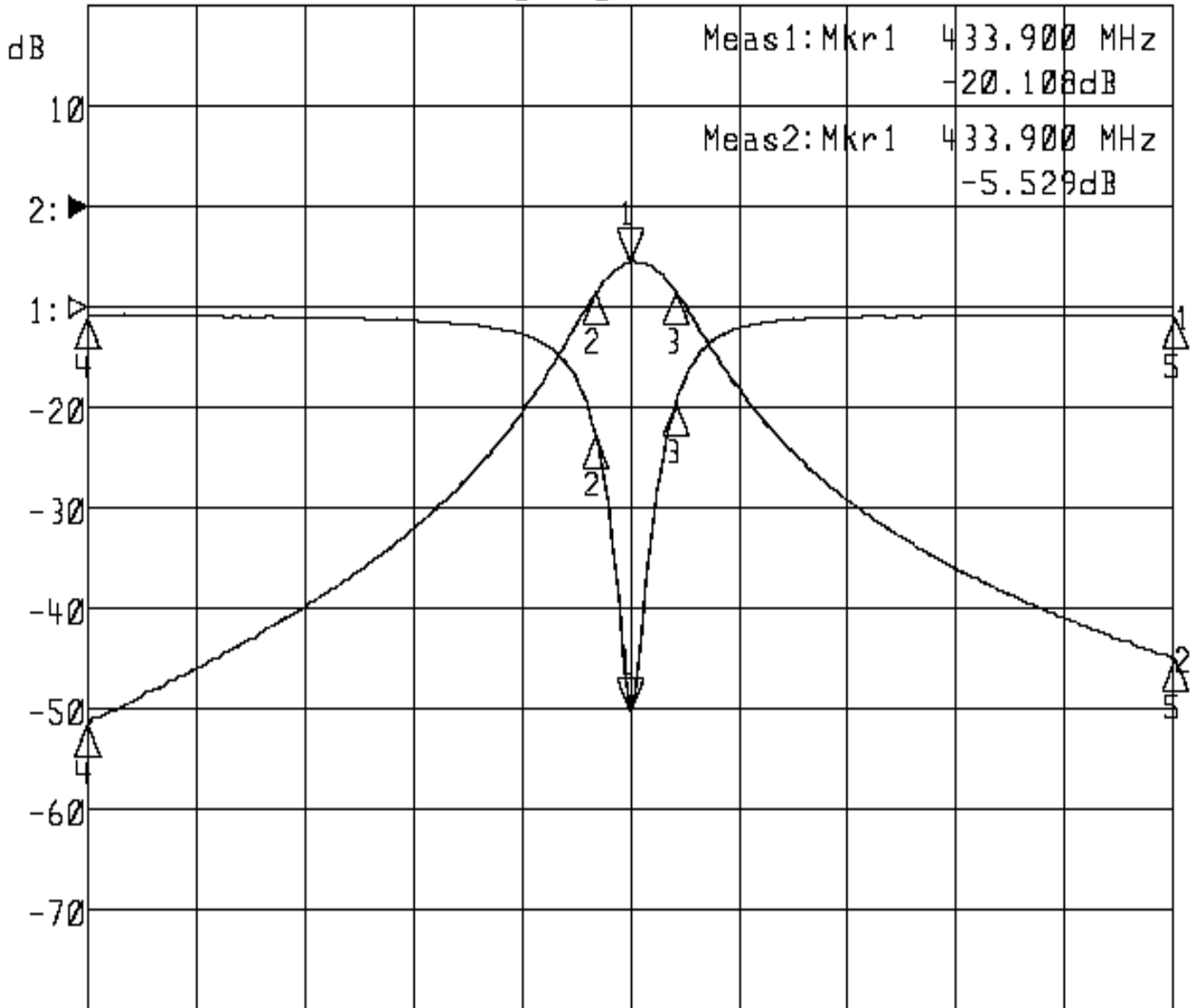
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7S2S(4*3.5) 7S024LB5

TEMWELL CORPORATION

Performance-TDS2061A-434M

20107051B

▶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 433.900 MHz

Span 100.000 MHz

1:Mkr (MHz)	dB	2:Mkr (MHz)	dB
1> 433.9000	-20.108	1> 433.9000	-5.529
2: 430.7333	-6.326	2: 430.7333	-8.569
3: 438.1667	-4.712	3: 438.1667	-8.533
4: 383.9333	-0.462	4: 383.9333	-51.554
5: 483.9000	-0.442	5: 483.9000	-44.946