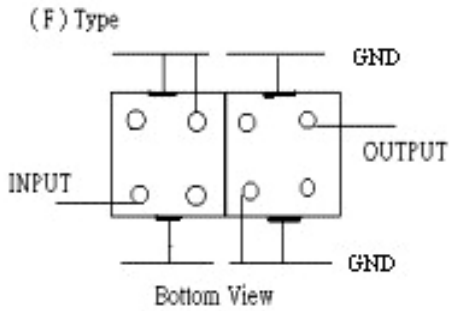
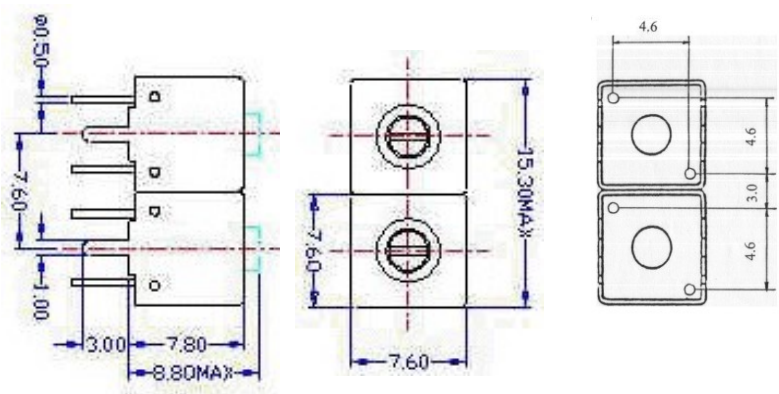


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TDS2064F-434M
Approval No. /dated	20103053DC	Acceptable Specify Fo. Range	401~455MHz
Work Instruction No.	20107021B	Date	2001.07.10

<p>(1) Pin Position</p>  <p>(F) 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±3 MHz	434±3 MHz	
Insertion Loss	Typ. 2.0 dB	1.1 dB	
-3 dB Bandwidth	Typ. 47 MHz	51 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 17 dBc	20 dBc
	Fo + 100 MHz	Typ. 28 dBc	31 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	16 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*5.2) 7S024RB5.5

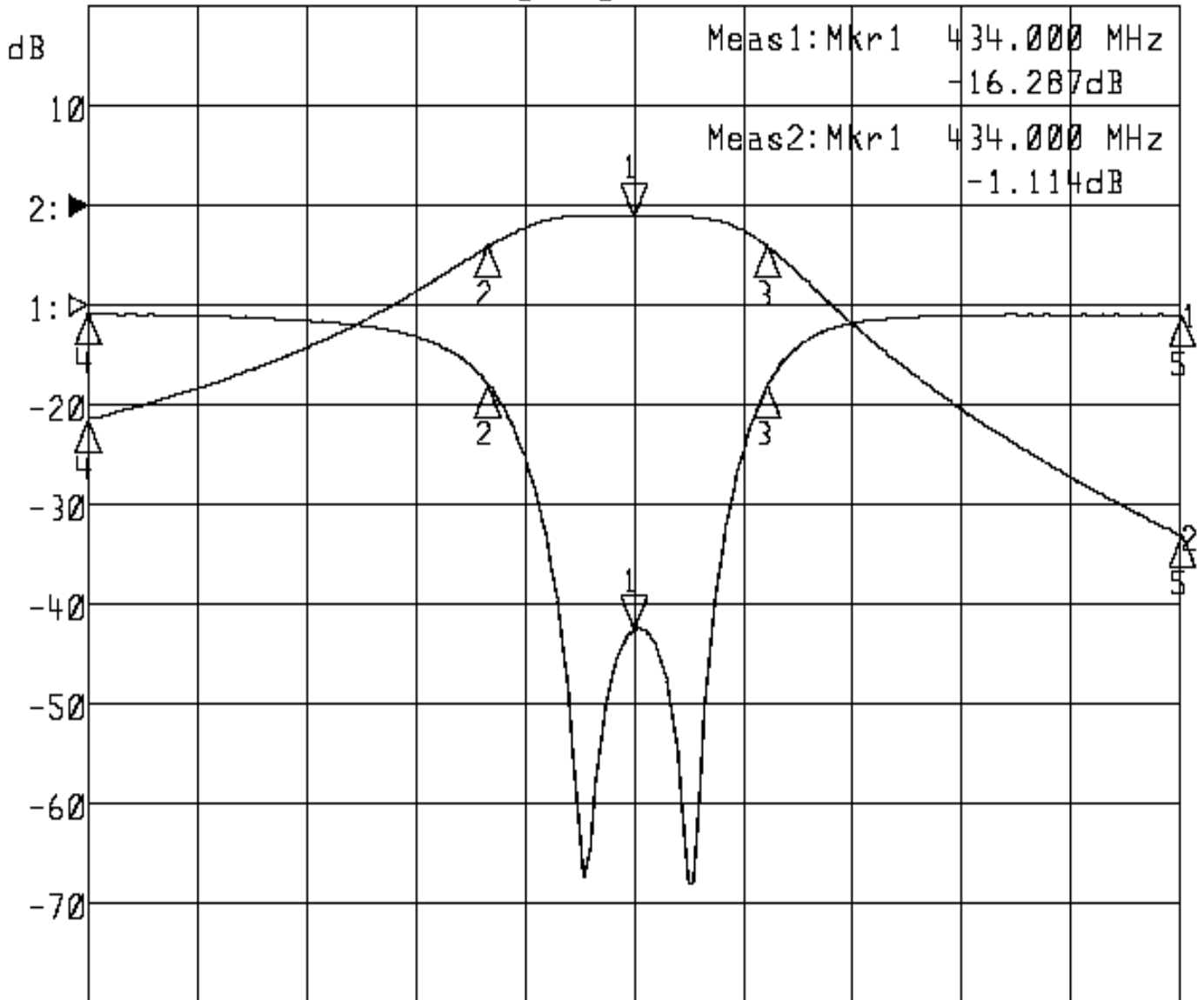
TEMWELL CORPORATION

# Performance- TDS2064F-434M

## 20107021B

▶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 434.000 MHz

Span 200.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 434.0000	-16.287	1> 434.0000	-1.114
2: 407.4000	-3.958	2: 407.4000	-4.078
3: 458.4667	-4.036	3: 458.4667	-4.047
4: 334.0000	-0.424	4: 334.0000	-21.424
5: 534.0000	-0.494	5: 534.0000	-33.058