



# TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,  
Taoyuan, 324, Taiwan, R.O.C.

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## Approval Sheet For Product Specification

Issued Date:

Product Name: SAW Filter 433.92 MHz TO-39

TST Parts No.: TB433E2

Customer Parts No.: \_\_\_\_\_

Company: _____
Division: _____
Approved by : _____
Date: _____

Checked by: Asin Lin

Approval by: Francis Chen

Date: Sep. 28. 2006



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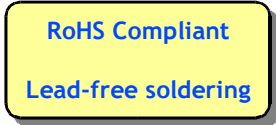
## SAW Filter 433.92 MHz

MODEL NO.: TB433E2

REV. NO.:2

### A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC voltage: 12 V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

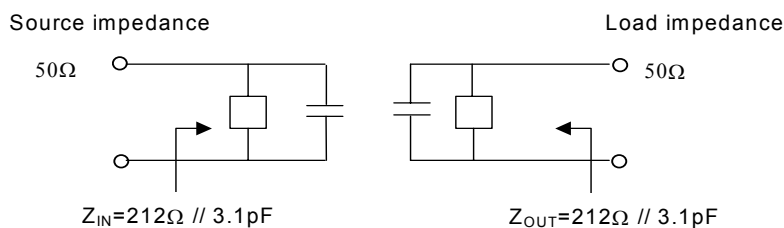


### B. ELECTRICAL CHARACTERISTICS:

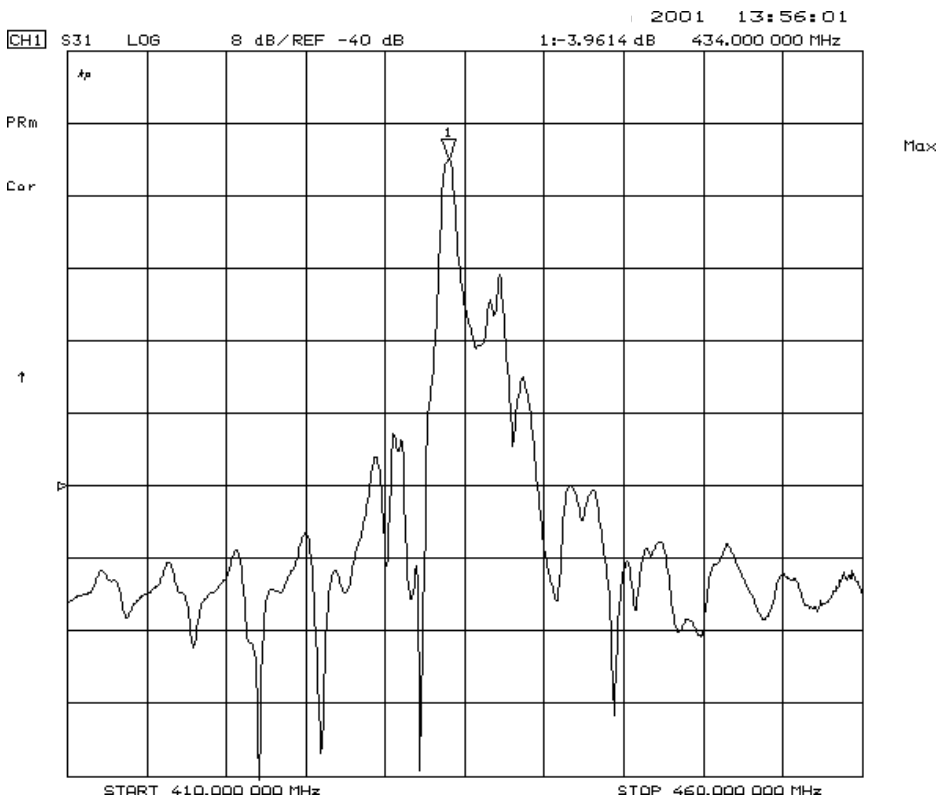
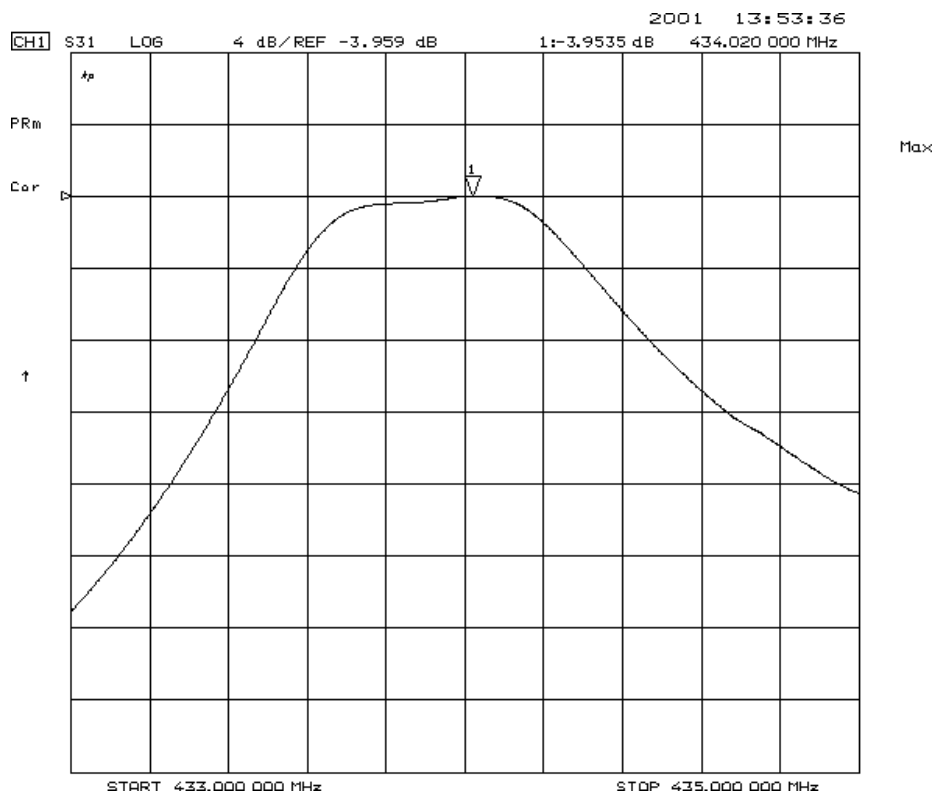
Item	Specification	Note
Center frequency $F_c$ (MHz)	433.92	1
Minimum I.L. (433.8~434.12 MHz) $IL_{min}$ (dB)	5.0 max.	
Pass band (relative to $IL_{min}$ )		
433.76~434.08 MHz (dB)	2.0 max	1
433.74~434.10 MHz (dB)	3.0 max	
433.68~434.16 MHz (dB)	6.0 max	
Pass bandwidth (relative to $IL_{min}$ ) $BW_3$ (KHz)	500min~750max	
Attenuation:( relative to $IL_{min}$ ) (dB )		
414~428 MHz (dB )	40 min.	1
428~432.84 MHz (dB )	15 min	
434.92~442 MHz (dB )	10 min	
442~550 MHz (dB )	33 min.	
Impedance at $F_c$ ; Input $Z_{IN}=R_{IN}/C_{IN}$ Output $Z_{OUT}=R_{OUT}/C_{OUT}$	212 $\Omega$ // 3.1 pF 212 $\Omega$ // 3.1 pF	2

Note1. The standard definitions is in JIS C 6703

Note2.

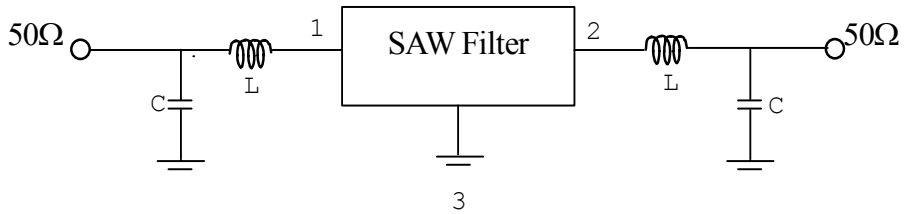


# C.FREQUENCY CHARACTERISTICS:



D. MEASUREMENT CIRCUIT:

HP Network analyzer



E. OUTLINE DRAWING:

