



# 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 230.4MHz SMD 5.0×5.0 mm

TST Parts No.:TA0422A

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

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

Checked by: \_\_\_\_\_ Elvis Chiu

Approval by: \_\_\_\_\_ Francis Chen

Date: \_\_\_\_\_ 2005/02/15



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## SAW Filter 230.4 MHz

MODEL NO.: TA0422A

REV. NO.:1

### A. MAXIMUM RATING:

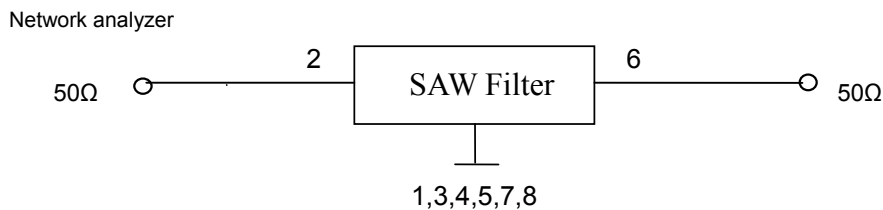
1. Input Power Level: 10 dB<sub>m</sub>
2. DC voltage: 5 V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant  
Lead free  
Lead-free soldering

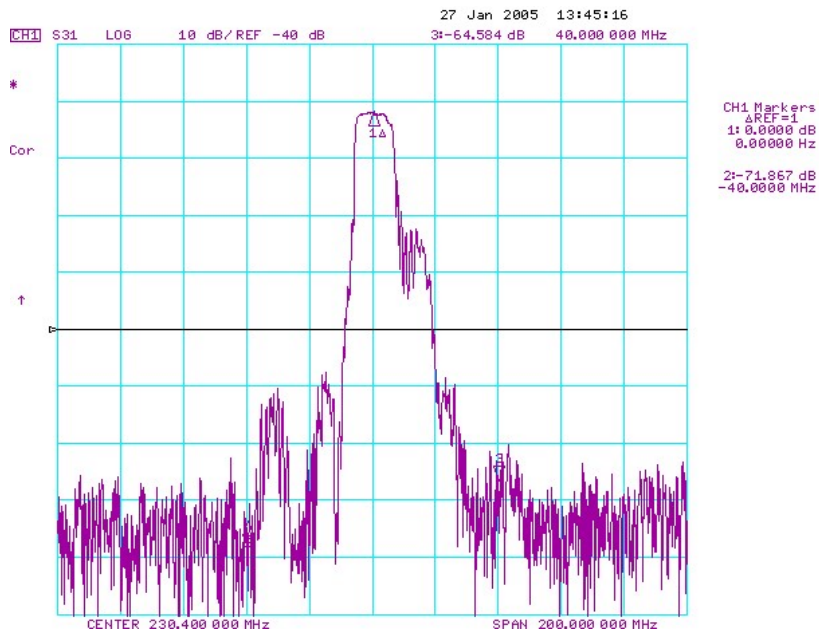
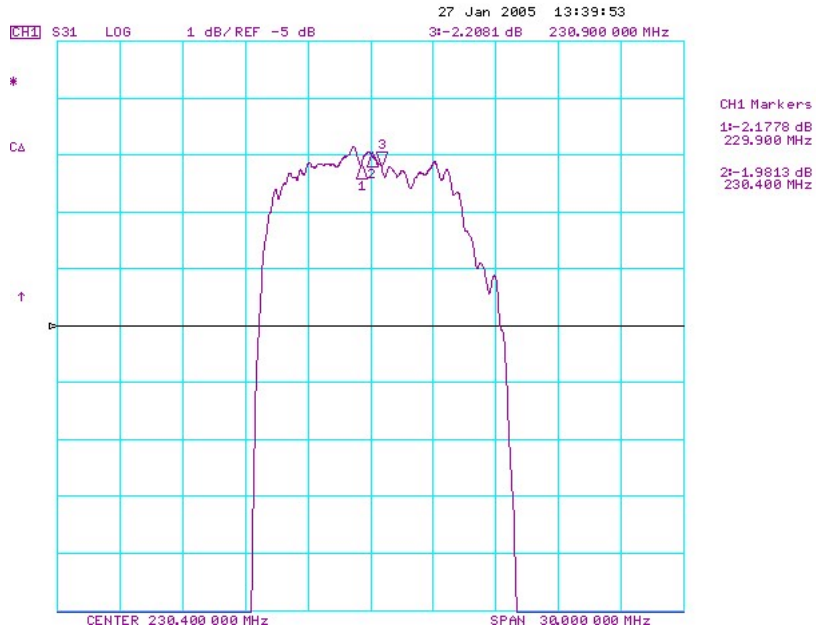
### B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typical	Max.
Center frequency <b>F<sub>c</sub></b>	MHz	-	230.4	-
Insertion loss 229.9~230.9 MHz <b>IL</b>	dB	-	2.5	3.8
Amplitude ripple 229.9~230.9 MHz	dB	-	0.6	1.8
<b>Attenuation</b> (Reference from attenuation at F <sub>c</sub> )				
F <sub>c</sub> - 100 ~ F <sub>c</sub> - 40 MHz	dB	40	58	-
F <sub>c</sub> + 40 ~ F <sub>c</sub> + 400 MHz	dB	38	53	-
F <sub>c</sub> + 400 ~ F <sub>c</sub> + 500 MHz	dB	35	50	-
Source impedance <b>Z<sub>s</sub></b>	Ω	-	50	-
Load impedance <b>Z<sub>L</sub></b>	Ω	-	50	-

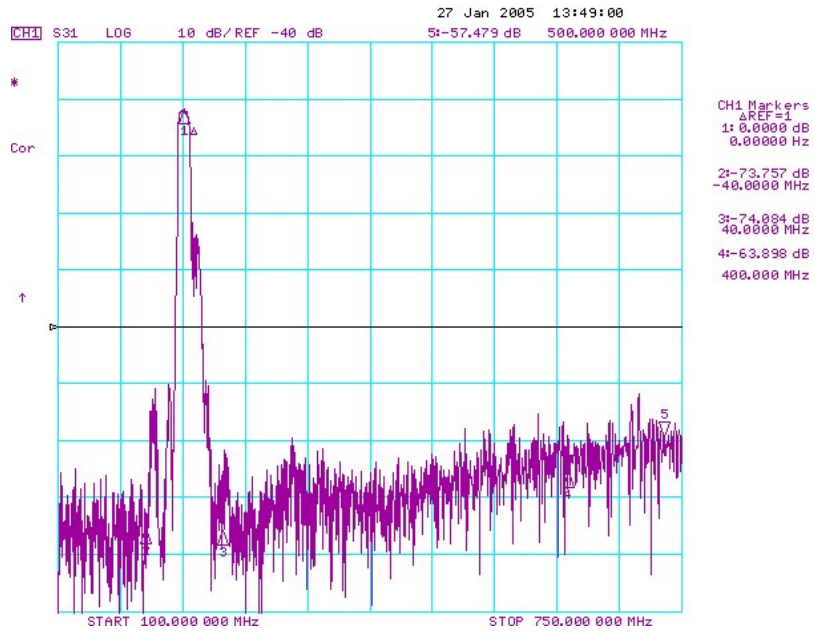
### C. MEASUREMENT CIRCUIT:



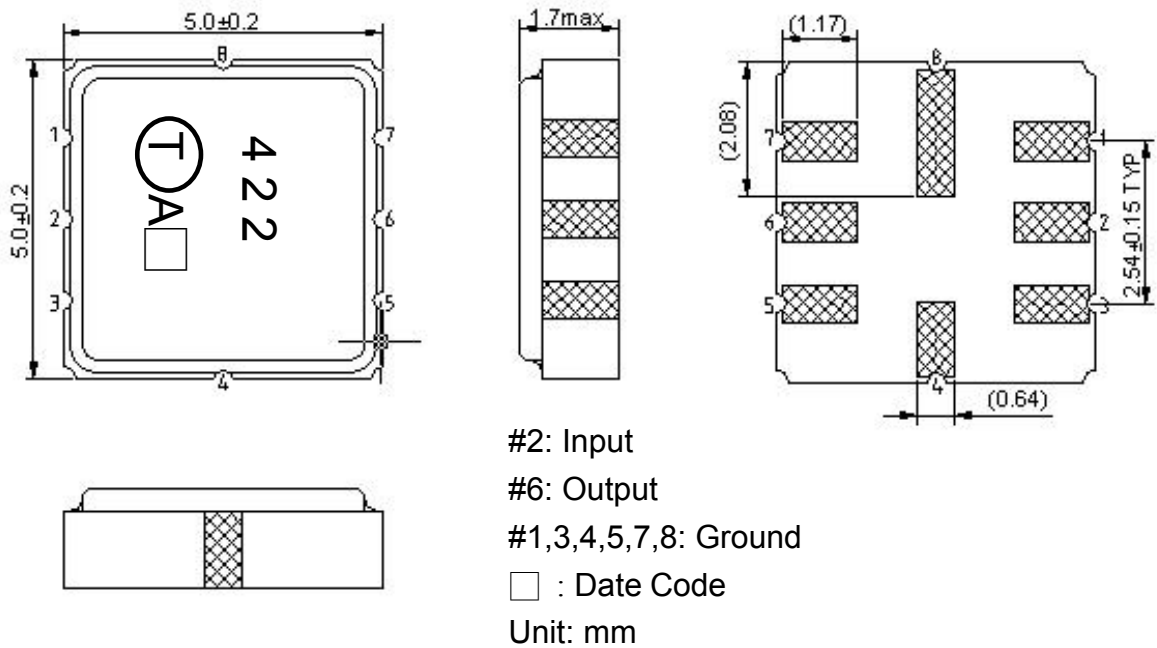
## D. Frequency Characteristics :



# Wideband



## E. OUTLINE DRAWING:



## F. PCB FOOTPRINT

