



# 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 380 MHz

TST Parts No.:TB0166A

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

Company:\_\_\_\_\_

Division:\_\_\_\_\_

Approved by :\_\_\_\_\_

Date:\_\_\_\_\_

Checked by:\_\_\_\_\_ Andy Lee

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

Date:\_\_\_\_\_ 2002/12/3



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## SAW Filter 380 MHz

MODEL NO.: TB0166A

REV. NO.:1

### A. MAXIMUM RATING:

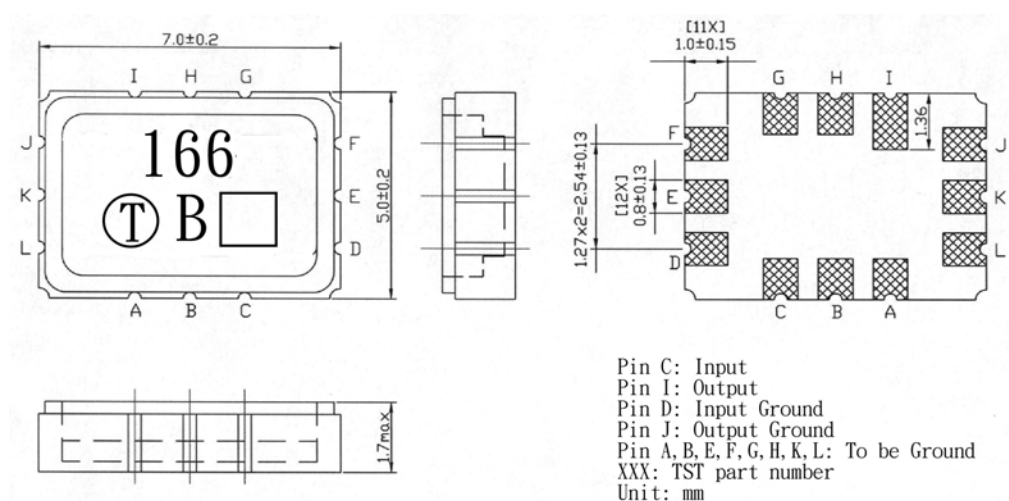
1. Input Power Level: 10 dB<sub>m</sub>
2. DC voltage: 0 V
3. Operating Temperature: 0°C to 50°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant  
Lead free  
Lead-free soldering

### B. ELECTRICAL CHARACTERISTICS:

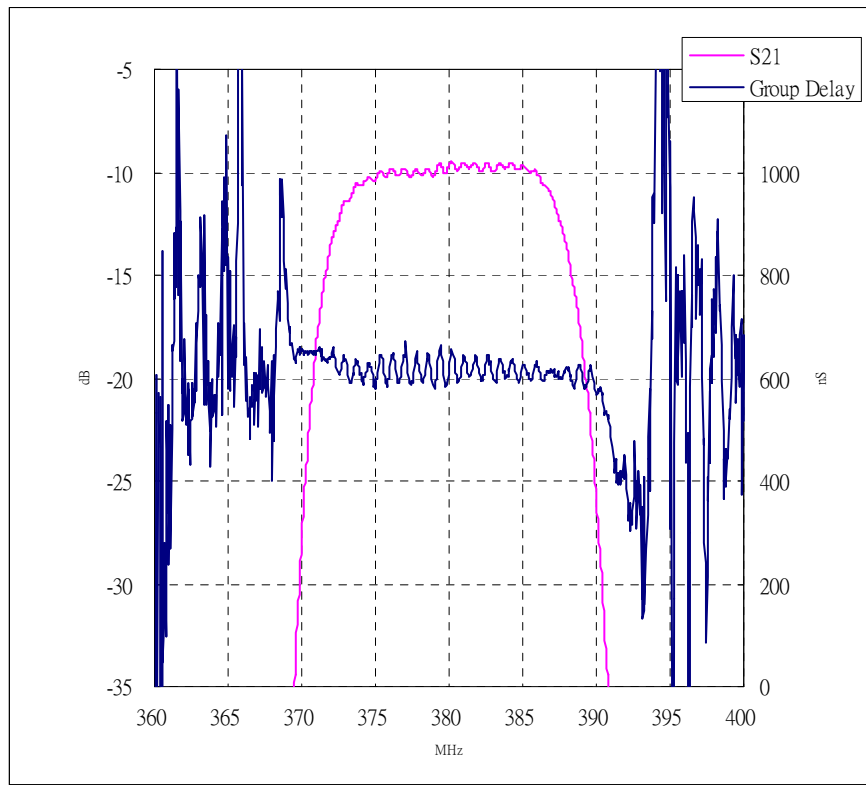
| Characteristics                                 |                 |     | Specification |      |     | Note |
|-------------------------------------------------|-----------------|-----|---------------|------|-----|------|
|                                                 |                 |     | Min.          | Typ. | Max |      |
| Center frequency                                | F <sub>c</sub>  | MHz | -             | 380  | -   | -    |
| Minimum Insertion loss                          | I.L.            | dB  | -             | 9.5  | 11  | -    |
| 3 dB Bandwidth                                  | BW <sub>3</sub> | MHz | 13            | 15   |     |      |
| Attenuation:( Reference level from Minimum IL ) |                 |     |               |      |     |      |
| 1)                                              | 280~ 367 MHz    | dB  | 40            | 57   | -   | -    |
| 2)                                              | 396 ~ 480 MHz   | dB  | 40            | 60   | -   | -    |

### C. OUTLINE DRAWING:

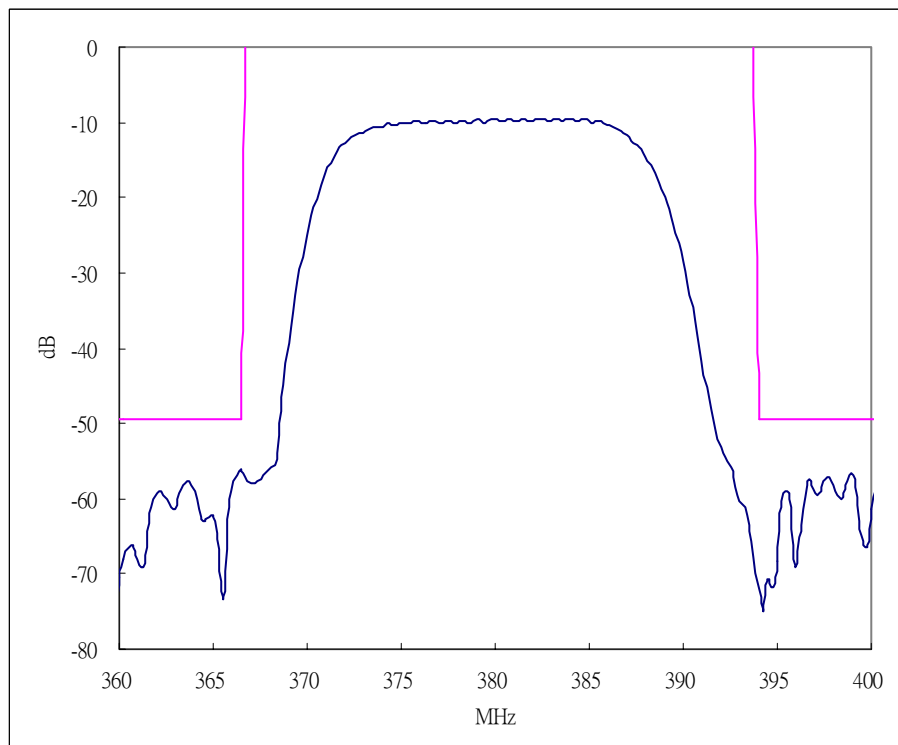


## D. Frequency Characteristics :

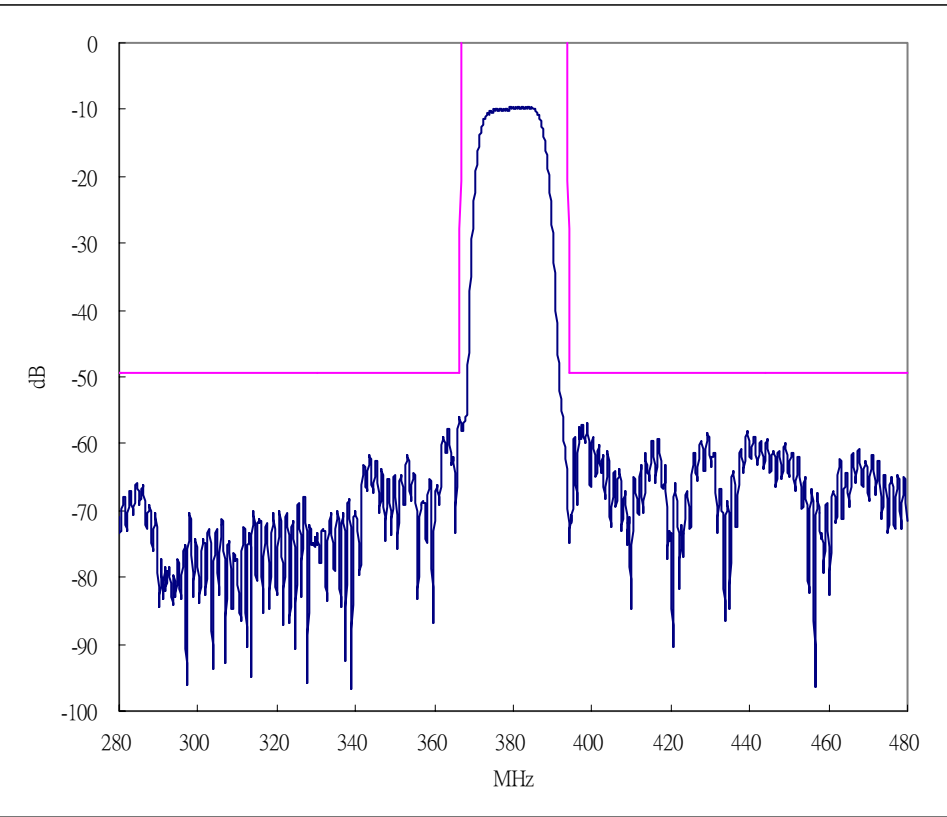
### 1.Group Delay and Ripple



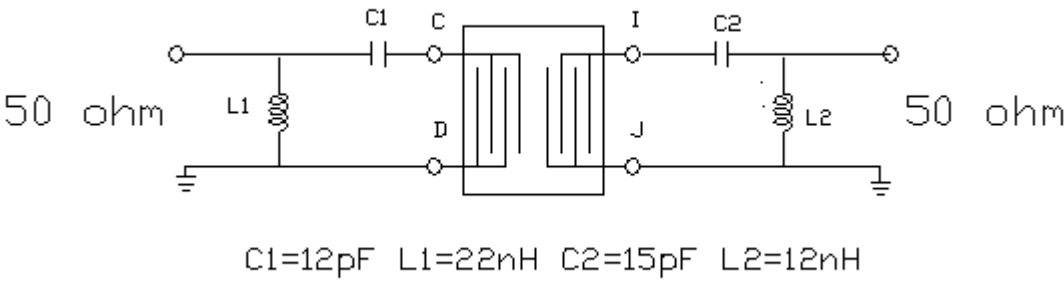
### 1. S21 Response



3. S21 Response (wide band)

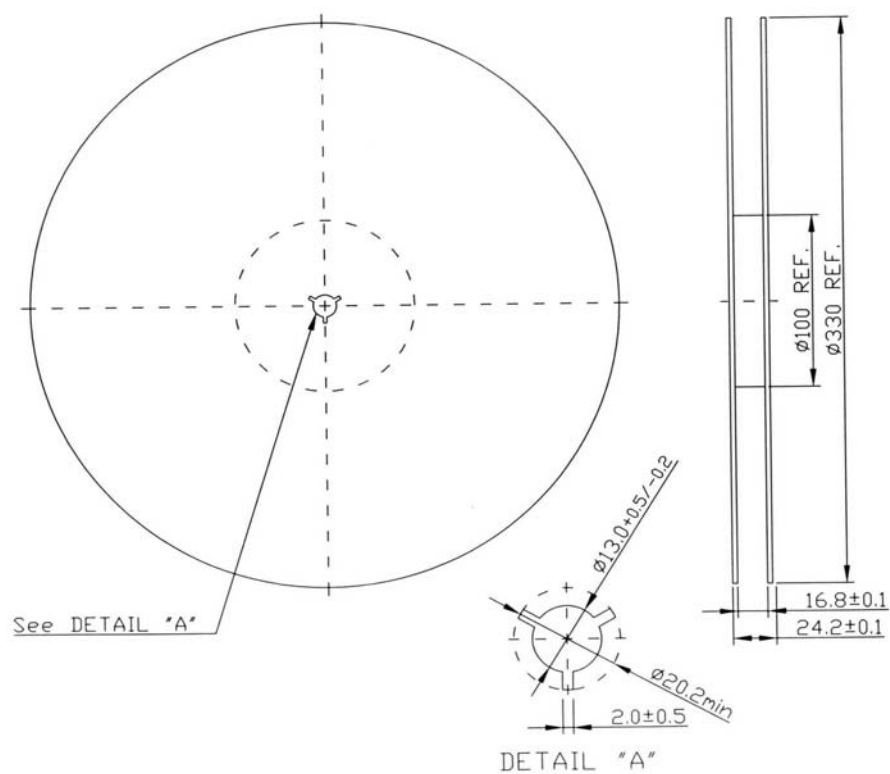


E. Measurement Circuit:



## F. PACKING:

## 1. REEL DIMENSION



## 2.TAPE DIMENSION

