



TAI-SAW TECHNOLOGY CO., LTD.

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

Approval Sheet For Product Specification

Issued Date:

Product Name: SAW Filter 159.1625MHz SMD 7.0×5.0 mm

TST Parts No.:TA0395A

Customer Parts No.:_____

| |
|---------------------|
| Company: _____ |
| Division: _____ |
| Approved by : _____ |
| Date: _____ |

Checked by: _____ Elvis Chiu

Approval by: _____ Francis Chen

Date: _____ 2006/03/09



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SAW Filter 159.1625 MHz

MODEL NO.: TA0395A

REV. NO.:2

A. MAXIMUM RATING:

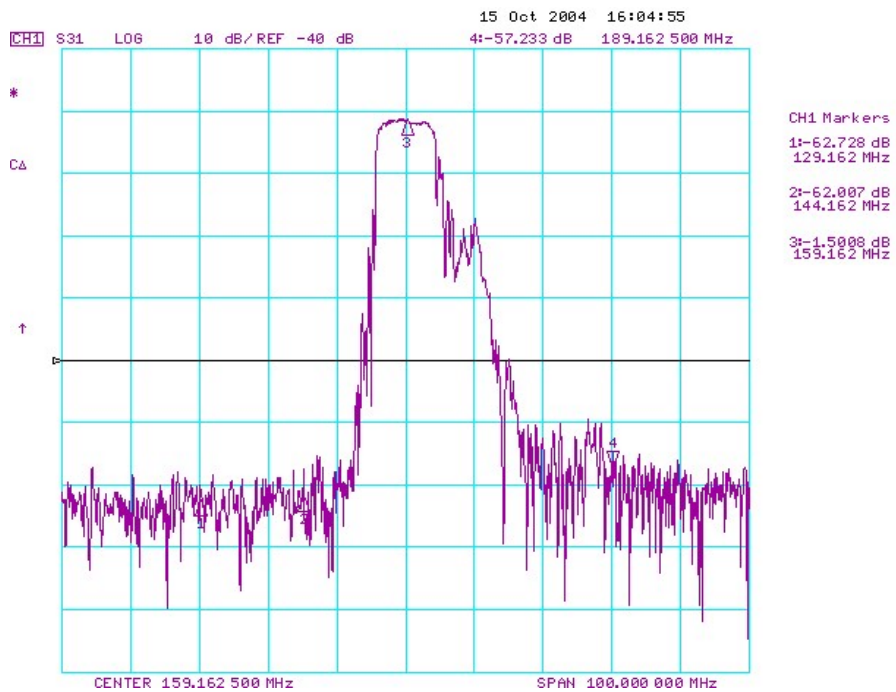
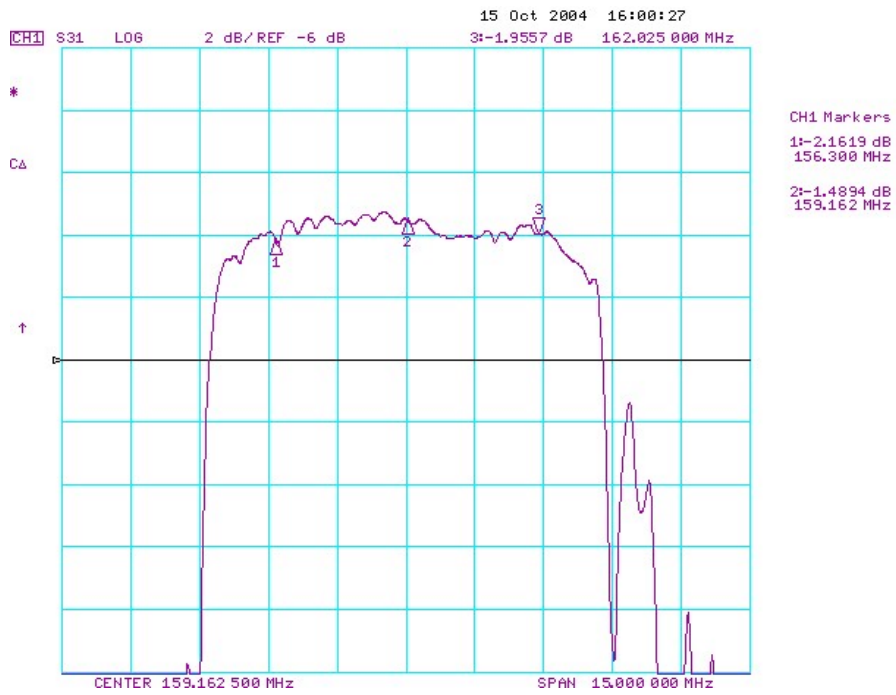
1. Input Power Level: 20 dB_m
2. DC voltage: 5 V
3. Operating Temperature: -10°C to +70°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

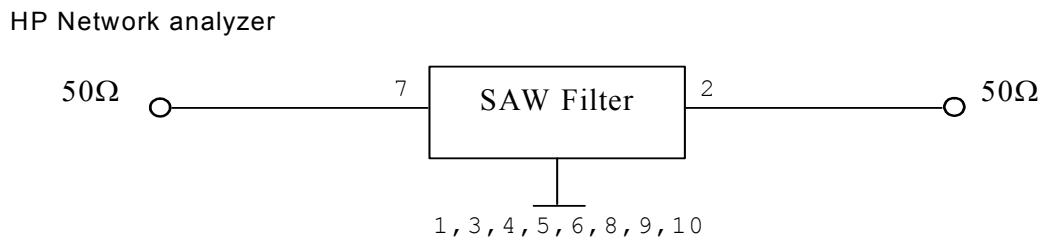
B. ELECTRICAL CHARACTERISTICS:

| Item | | Specification | | | |
|---|---------------------|---------------|------|----------|------|
| | | Unit | Min. | Typ. | Max. |
| Center Frequency | F _c | MHz | - | 159.1625 | - |
| Insertion Loss | 156.3~162.025MHz IL | dB | - | 2.3 | 3.8 |
| Attenuation (Reference from 0dB) | | | | | |
| F _c -50 ~ F _c -30 | MHz | dB | 42 | 57 | - |
| F _c -30 ~ F _c -15 | MHz | dB | 36 | 55 | - |
| F _c +30 ~ F _c +50 | MHz | dB | 42 | 55 | - |
| Source impedance | Z _s | Ω | - | 50 | - |
| Load impedance | Z _L | Ω | - | 50 | - |

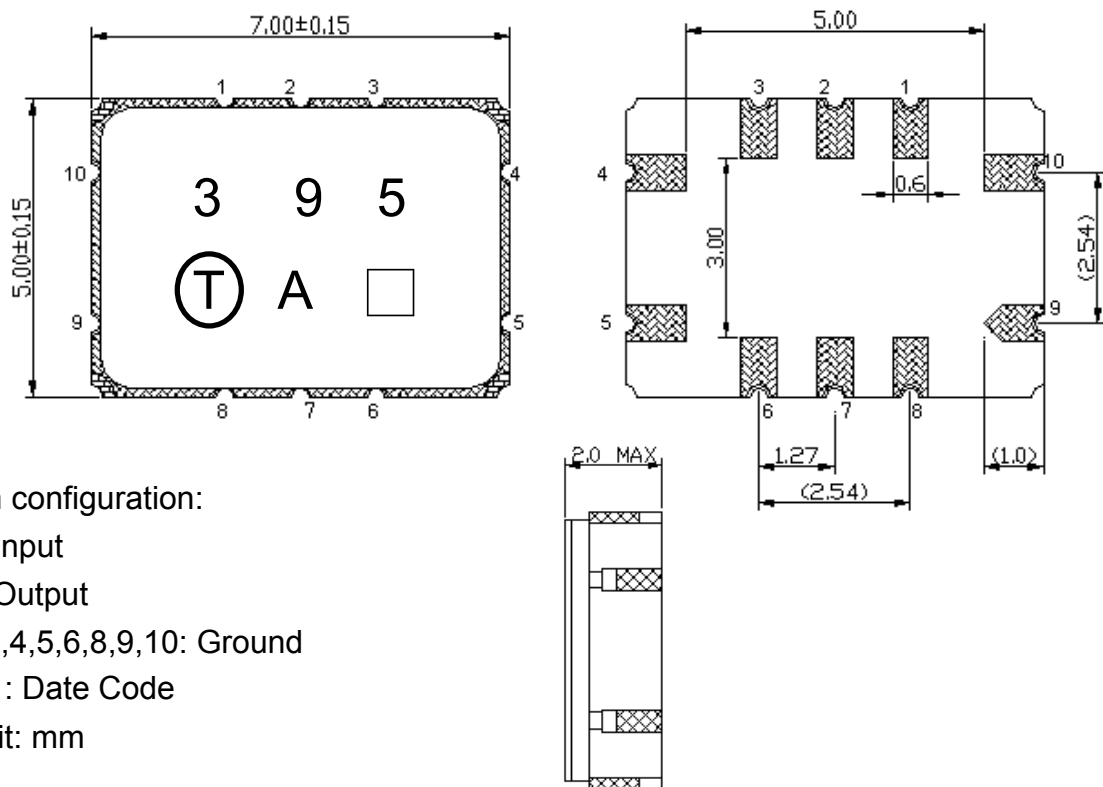
C. Frequency Characteristics :



D. MEASUREMENT CIRCUIT:



E. OUTLINE DRAWING:



Pin configuration:

7: Input

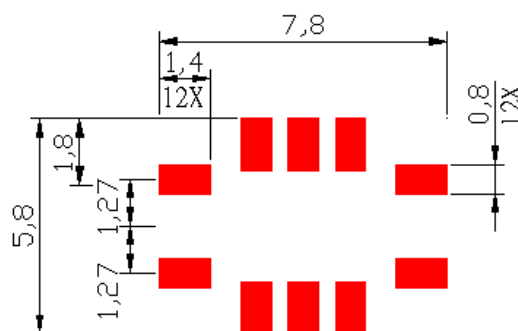
2: Output

1,3,4,5,6,8,9,10: Ground

□ : Date Code

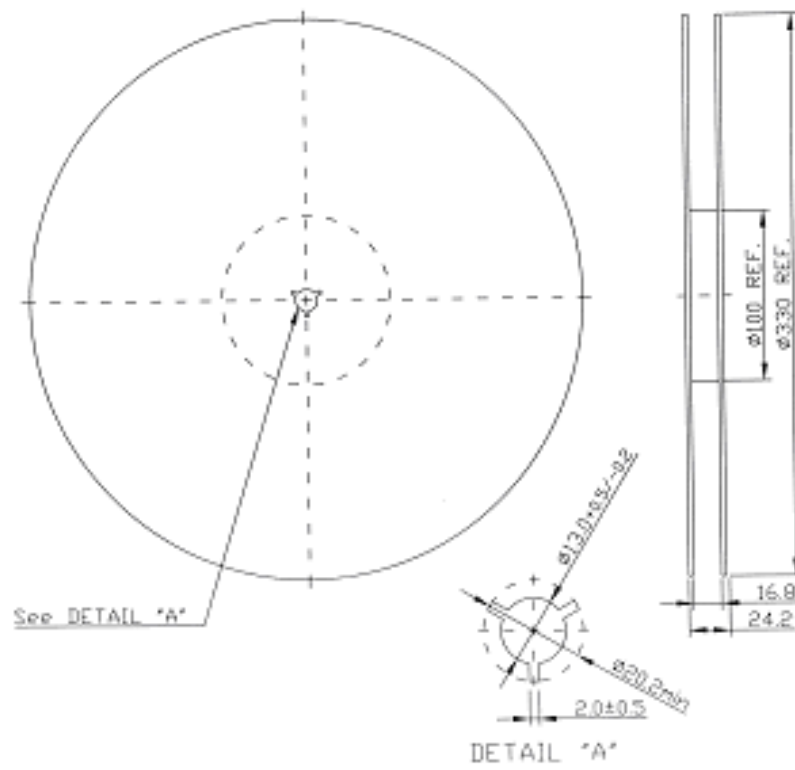
Unit: mm

F. PCB FOOTPRINT:

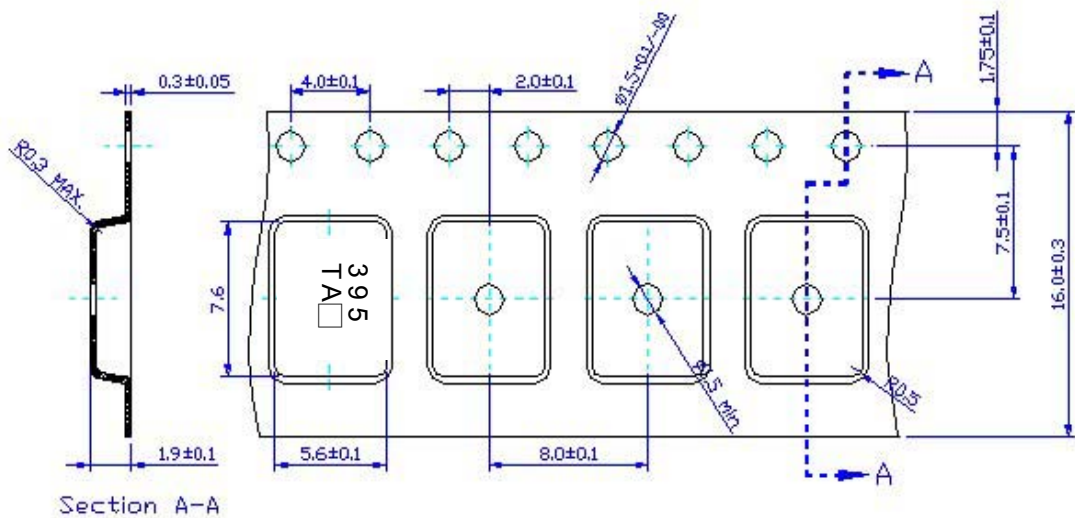


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H.RECOMMENDED REFLOW PROFILE:

