



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 433.92MHz SMD 3.8×3.8 mm

TST Parts No.:TA0537A

Customer Parts No.:_____

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

Checked by: _____ Elvis Chiu

Approval by: _____ Francis Chen

Date: _____ 2006/01/24



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SAW Filter 433.92 MHz

MODEL NO.: TA0537A

REV. NO.:2

A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 3 V
3. Operating Temperature: -10°C to +60°C
4. Storage Temperature: -40°C to +85°C

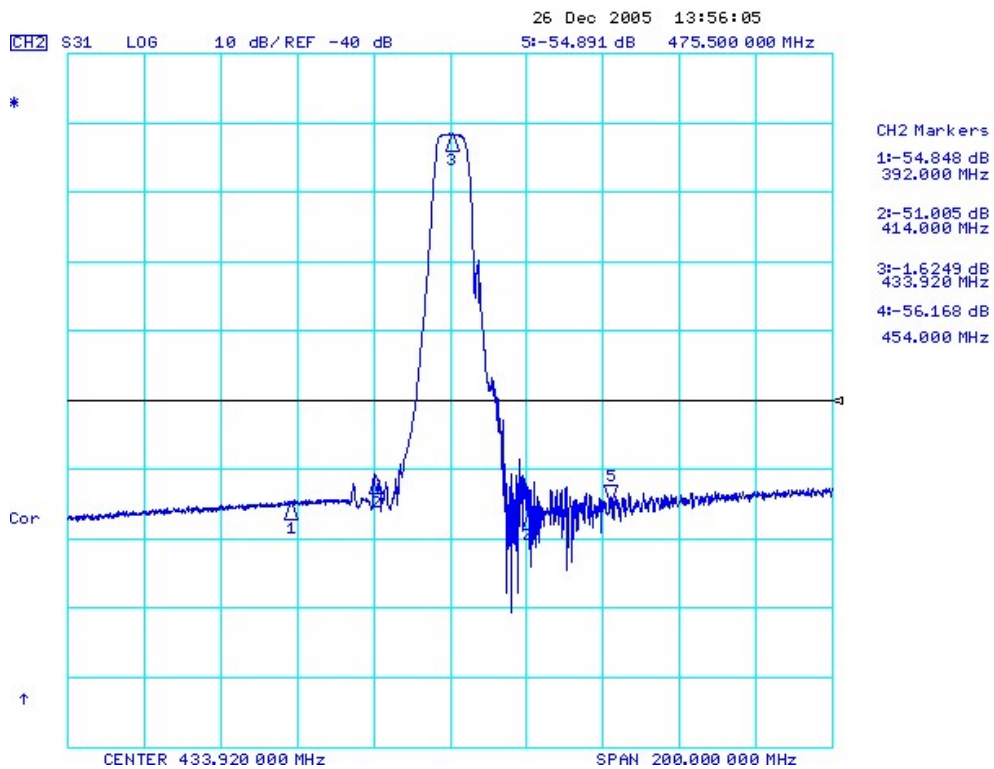
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

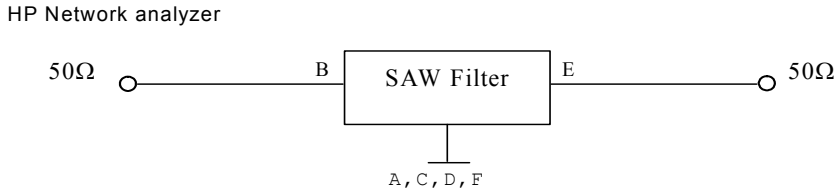
| Item | Unit | Min. | Typical | Max. |
|---|------|------|---------|------|
| Center frequency F _c | MH | - | 433.92 | - |
| Insertion loss 433.05 ~ 434.79 MHz IL | dB | - | 1.9 | 3.7 |
| Amplitude ripple 433.05 ~ 434.79 MHz | dB | - | 0.3 | 1.5 |
| Attenuation (Reference level from 0 dB) | | | | |
| 389.0 ~ 392.0 MHz | dB | 42 | 54 | - |
| 411.0 ~ 414.0 MHz | dB | 40 | 50 | - |
| 454.0 ~ 457.0 MHz | dB | 40 | 51 | - |
| 475.5 ~ 478.5 MHz | dB | 42 | 52 | - |
| Source impedance Z _s | Ω | - | 50 | - |
| Load impedance Z _L | Ω | - | 50 | - |

Note1. No matching network required for operation at 50 Ω

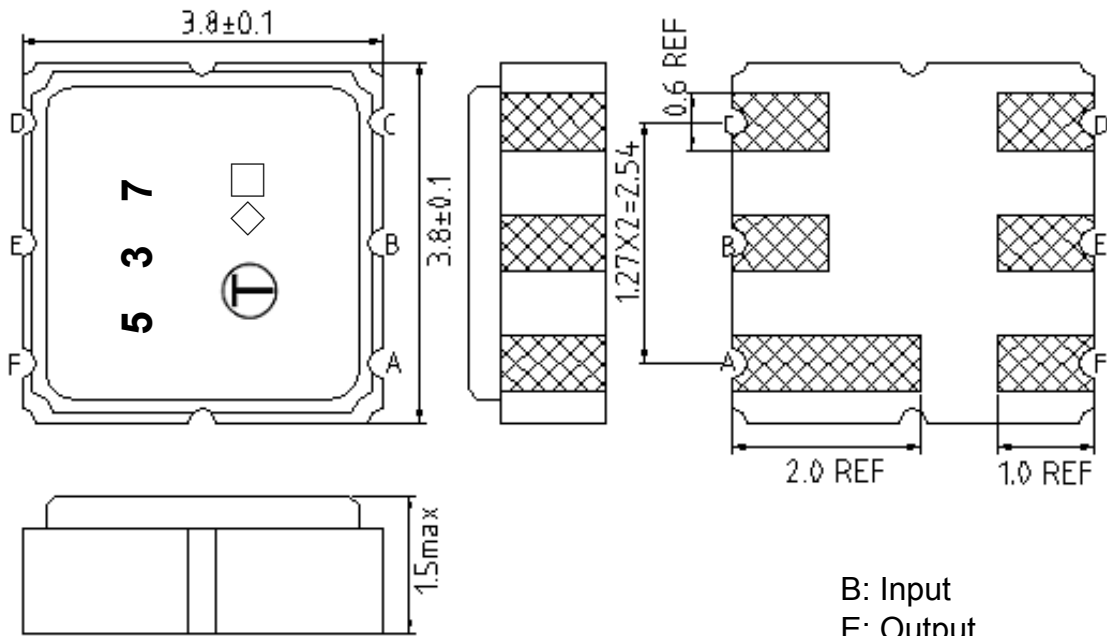
C. FREQUENCY CHARACTERISTICS :



D. MEASUREMENT CIRCUIT:



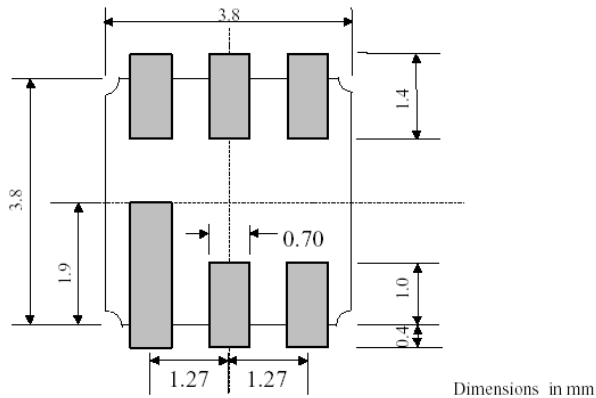
E. OUTLINE DRAWING:



B: Input
 E: Output
 A,C,D,F: Ground
 Unit : mm
 ◇ : Year Code
 □ : Date code

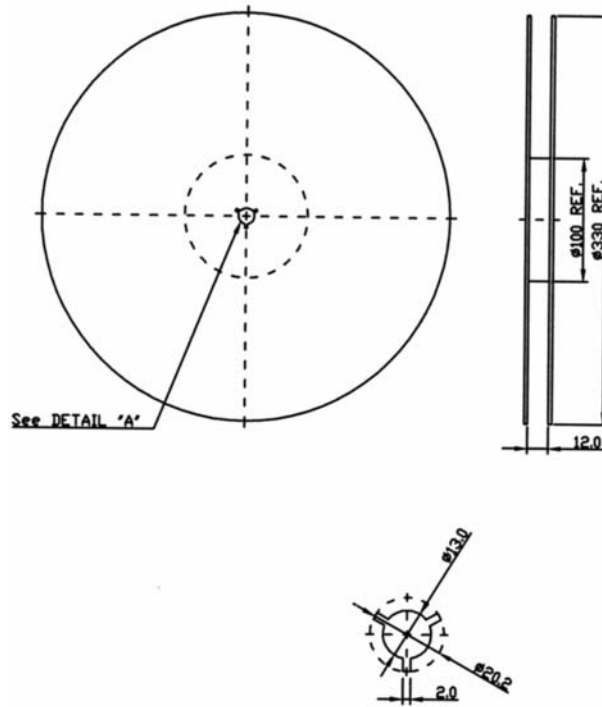
| | Odd Year | Even Year |
|-----------|----------|-----------|
| Year Code | A | a |

F. PCB FOOTPRINT:



G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

