



TAI-SAW TECHNOLOGY CO., LTD.

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Approval Sheet For Product Specification

Issued Date: Sep, 30, 2008

Product Name: SAW Filter 1232 MHz SMD 3.0X3.0 mm

TST Parts No.: TA0925A

Customer Parts No.: _____

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

Checked by: _____ Bob Chau *Bob Chau*

Approval by: _____ Francis Chen *Francis Chen*

Date: _____ 9, 30, 2008



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SAW Filter 1232 MHz

MODEL NO.:TA0925A

REV. NO.:1

A. MAXIMUM RATING:

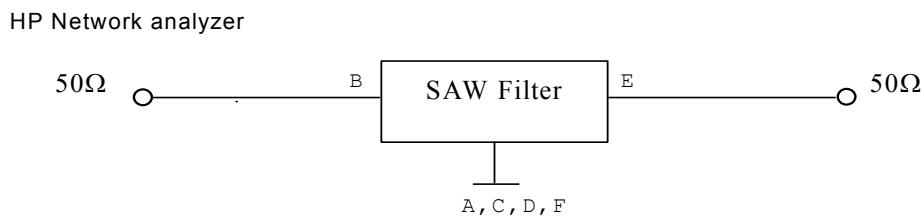
1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -50°C to +70°C
4. Storage Temperature: -50°C to +95°C

RoHS Compliant
Lead free
Lead-free soldering

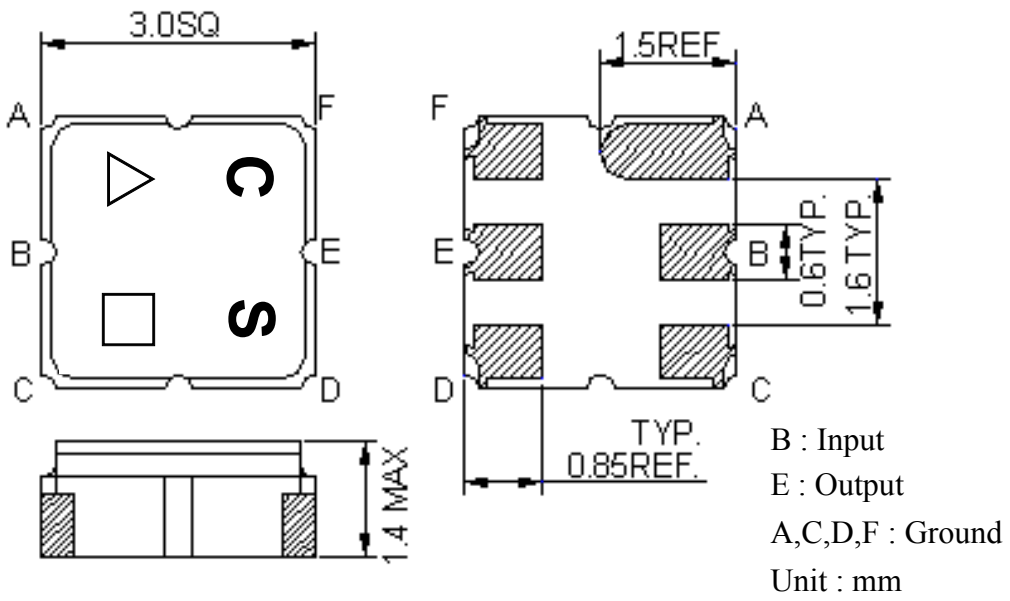
B. ELECTRICAL CHARACTERISTICS:

| Item | Unit | Min. | Type. | Max. | Note |
|--|------|------|-------|------|------|
| Center Frequency | Fc | MHz | - | 1232 | - |
| Min. Insertion loss | IL | dB | - | 2.1 | 5 |
| Bandwidth @ -3dB | | MHz | 6 | 23.5 | - |
| Amplitude Ripple (1229~1235 MHz) | | dB | - | 0.3 | 3 |
| VSWR (1229~1235 MHz) | | | - | 1.7 | 2.3 |
| Attenuation (Reference level from 0 dB) | | | | | |
| 800 ~ 1150 MHz | | dB | 40 | 58 | - |
| 1150 ~ 1180 MHz | | dB | 20 | 51 | - |
| 1265 ~ 2000 MHz | | dB | 35 | 50 | - |

C. MEASUREMENT CIRCUIT:



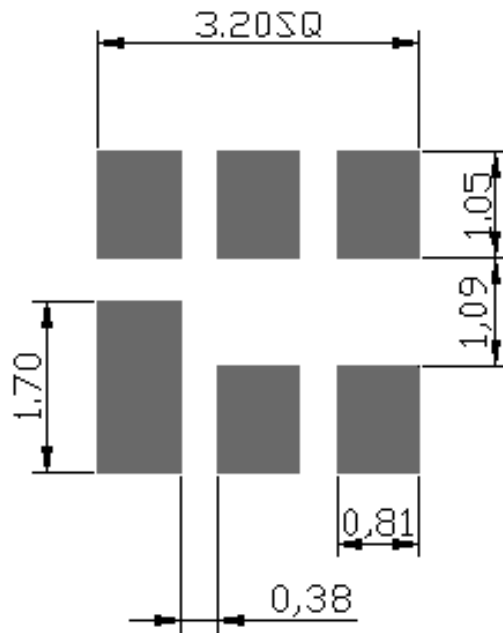
D.OUTLINE DRAWING:



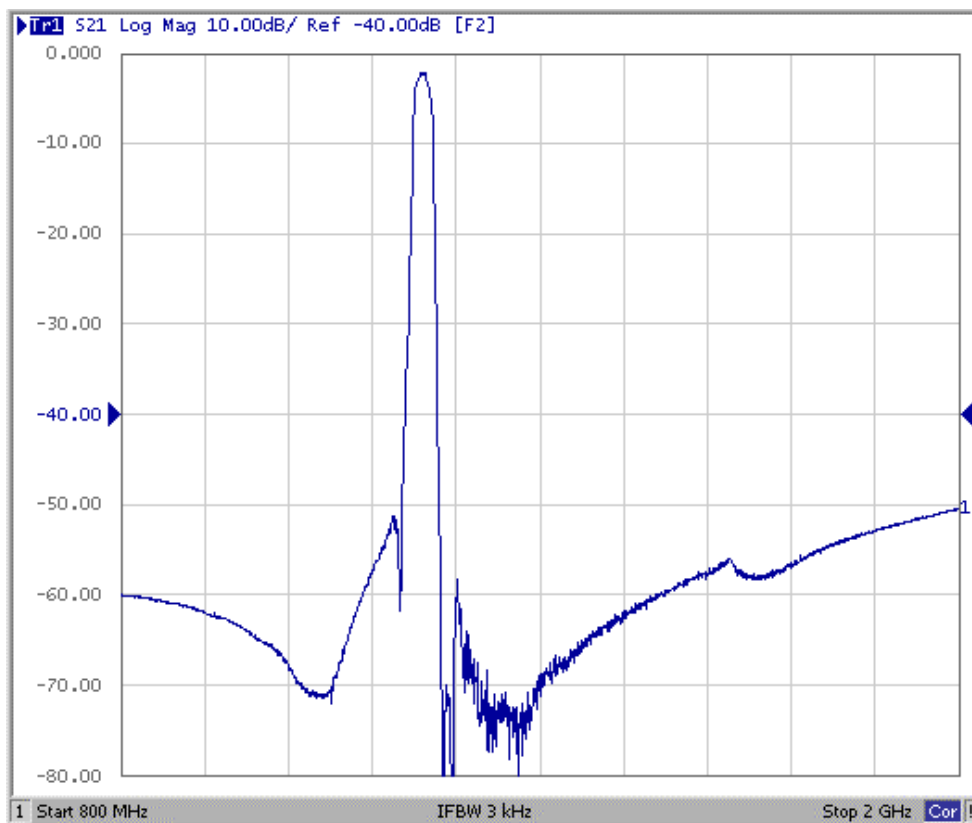
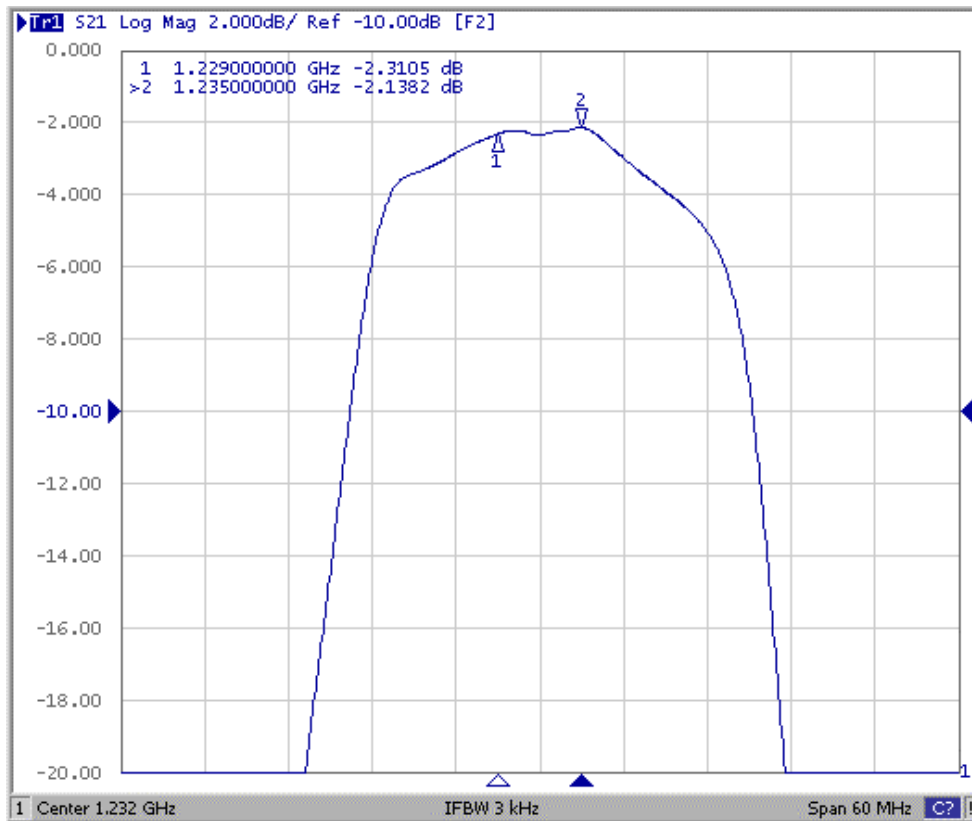
△ : Year Code (2006->6, ..., 2009->9)

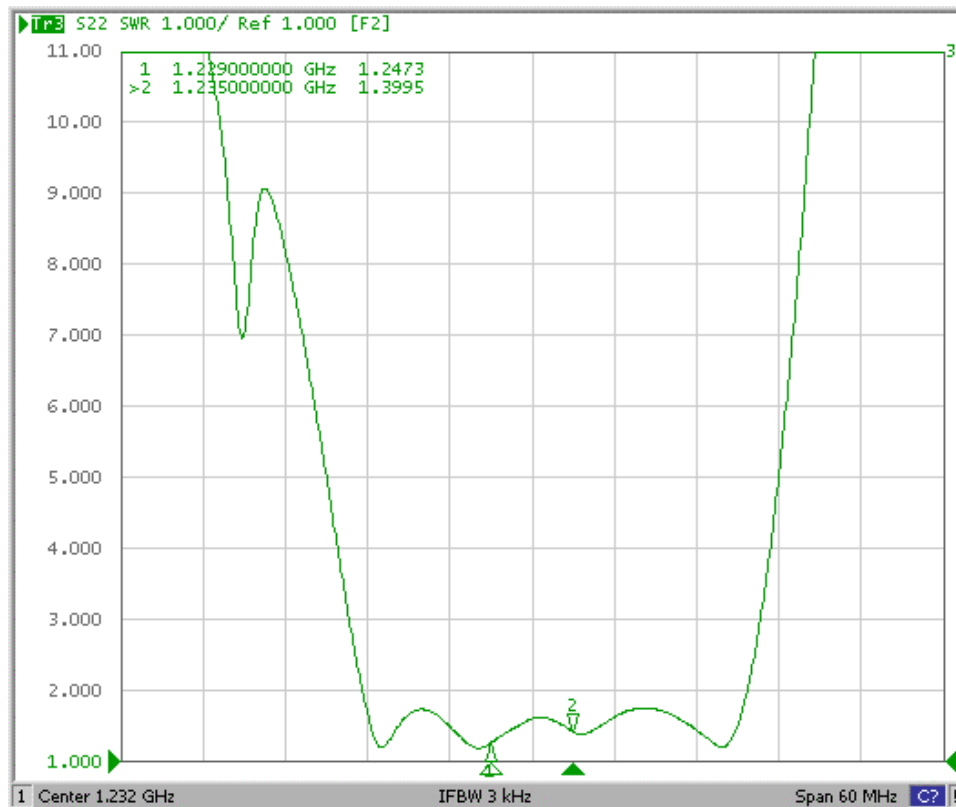
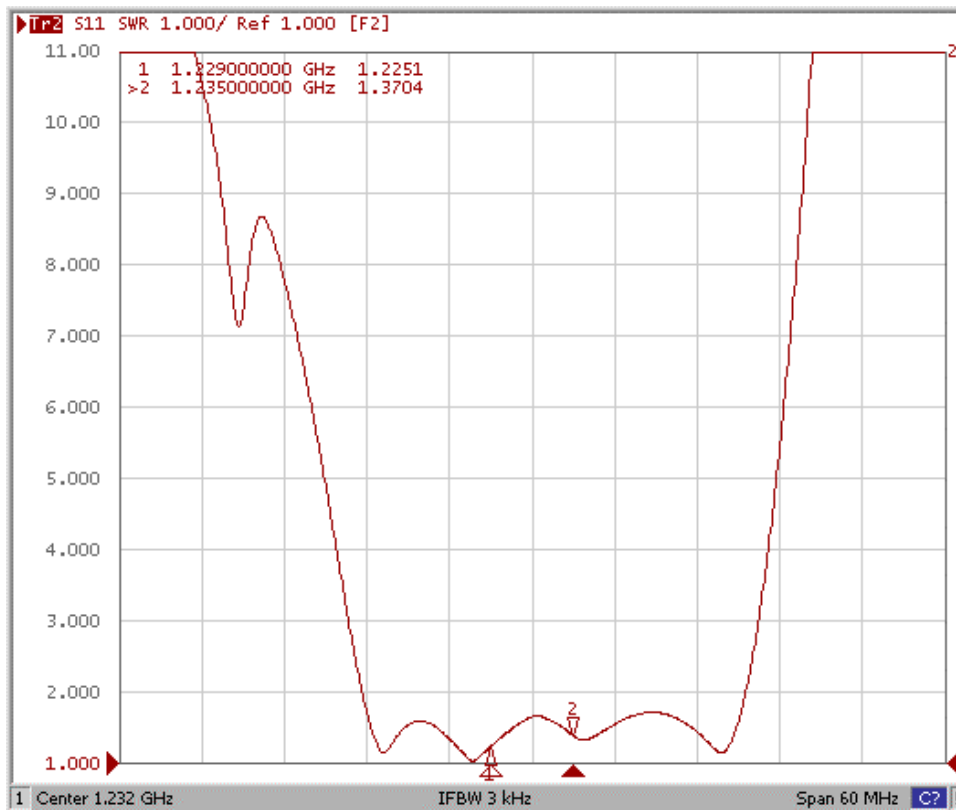
□ : Date Code (Follow the table from planner each year)

E. PCB Footprint:



F. Frequency Characteristics :

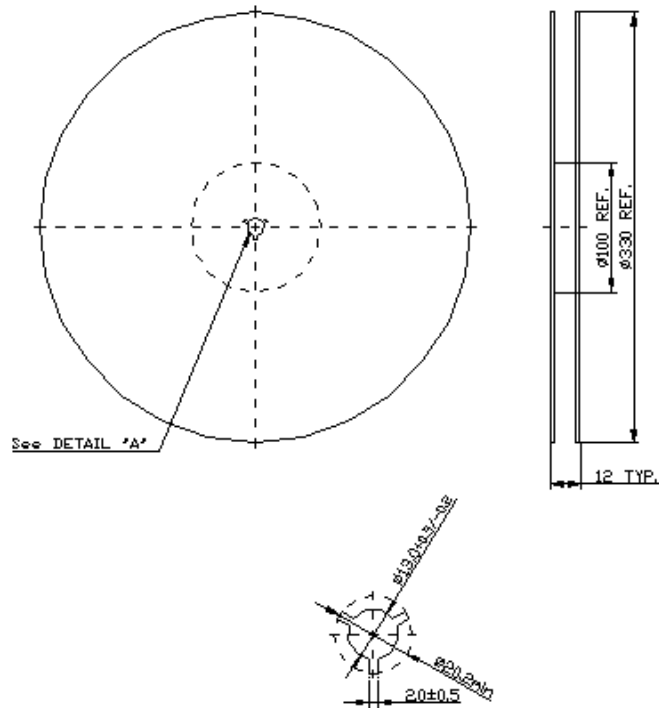




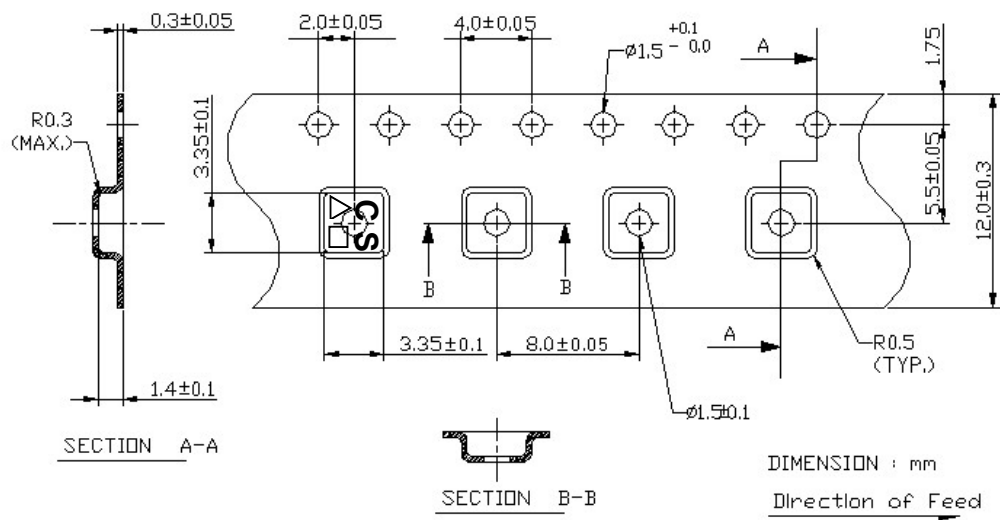
G. PACKING:

1. REEL DIMENSION

(Reel Count : 7"=1000 ; 13"=3000)



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

