



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
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Approval Sheet For Product Specification

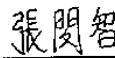
Issued Date:

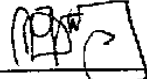
Product Name: SAW Filter 876 MHz SMD 3.0x3.0 mm

TST Parts No.: TA1019A

Customer Parts No.: _____

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

Checked by: _____ David Chang 

Approval by: _____ Francis Chen 

Date: _____ 2009/04/27



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SAW Filter 876 MHz

MODEL NO.: TA1019A

REV. NO.:1

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

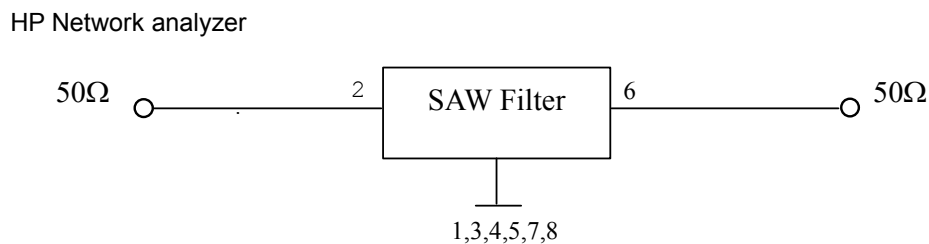
RoHS Compliant
Lead free
Lead-free soldering

B. CHARACTERISTICS:

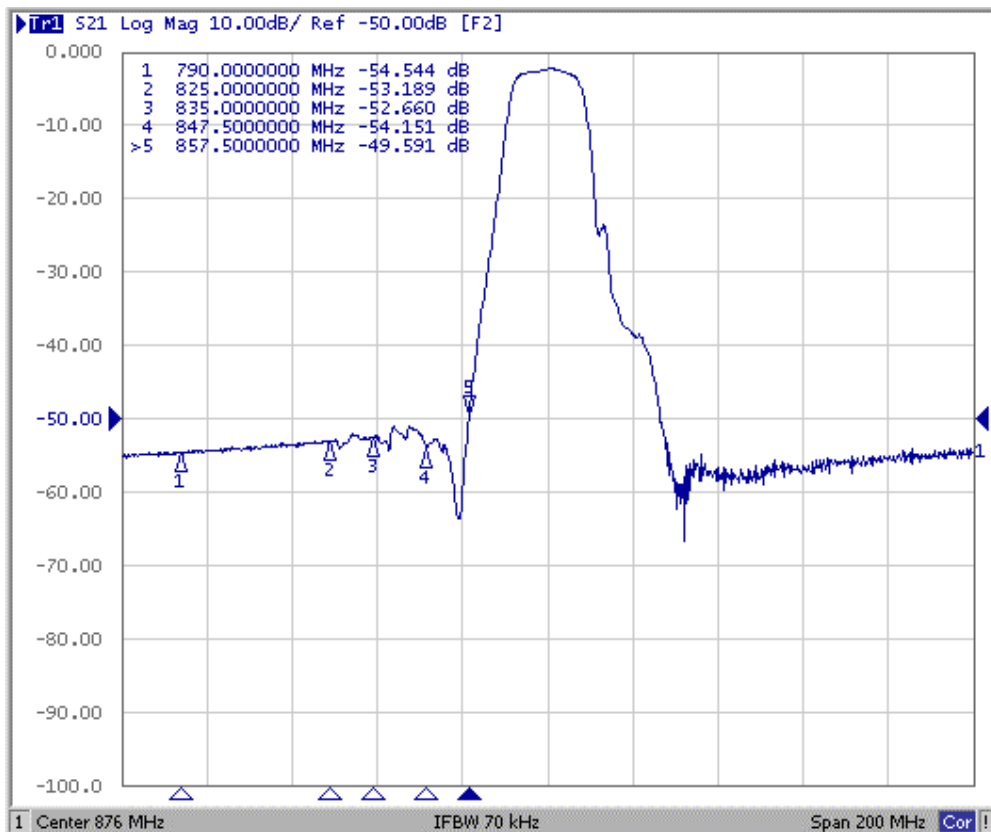
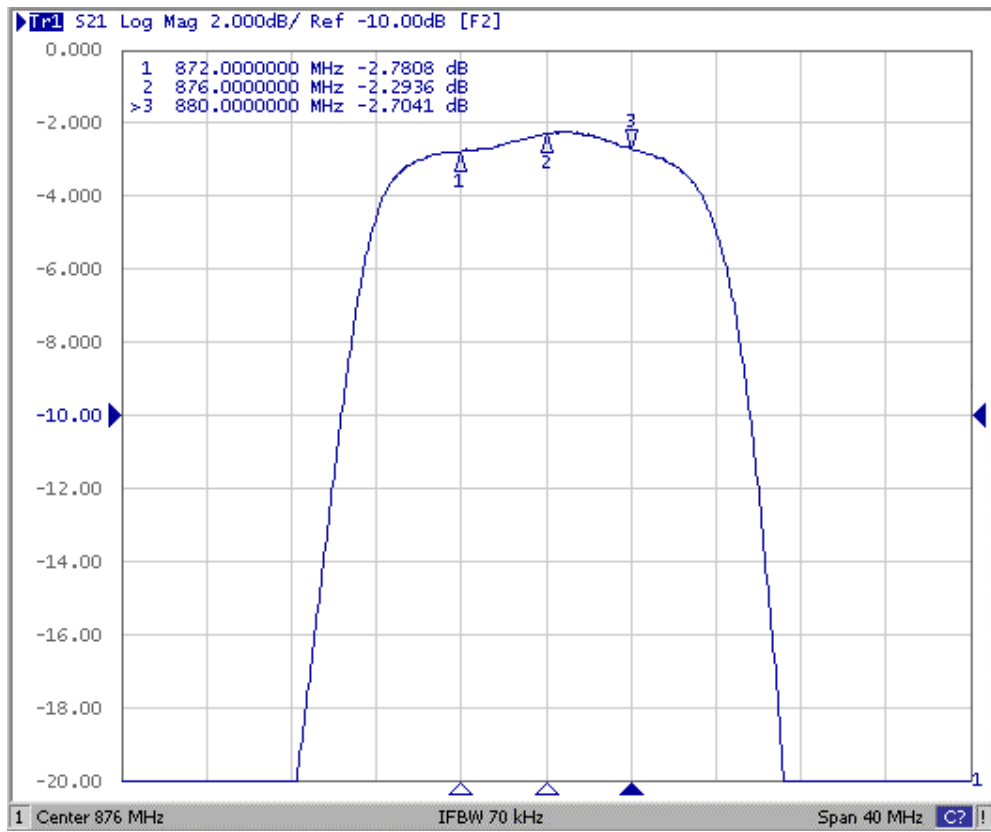
| Item | Unit | Min. | Typ. | Max. |
|-----------------------------------|------|------|------|------|
| Center frequency Fc | MHz | - | 876 | - |
| Insertion loss (872 ~ 880 MHz) IL | dB | - | 3.0 | 4.5 |
| Amplitude ripple (872 ~ 880 MHz) | dB | - | 0.8 | 2.1 |
| Attenuation (reference from 0dB) | | | | |
| 780 ~ 790 MHz | dB | 40 | 49 | - |
| 825 ~ 835 MHz | dB | 40 | 49 | - |
| 847.5 ~ 857.5 MHz | dB | 30 | 38 | - |
| Source impedance Z _s | Ω | - | 50 | - |
| Load impedance Z _L | Ω | - | 50 | - |

Note1. No matching network required for operation at 50Ω

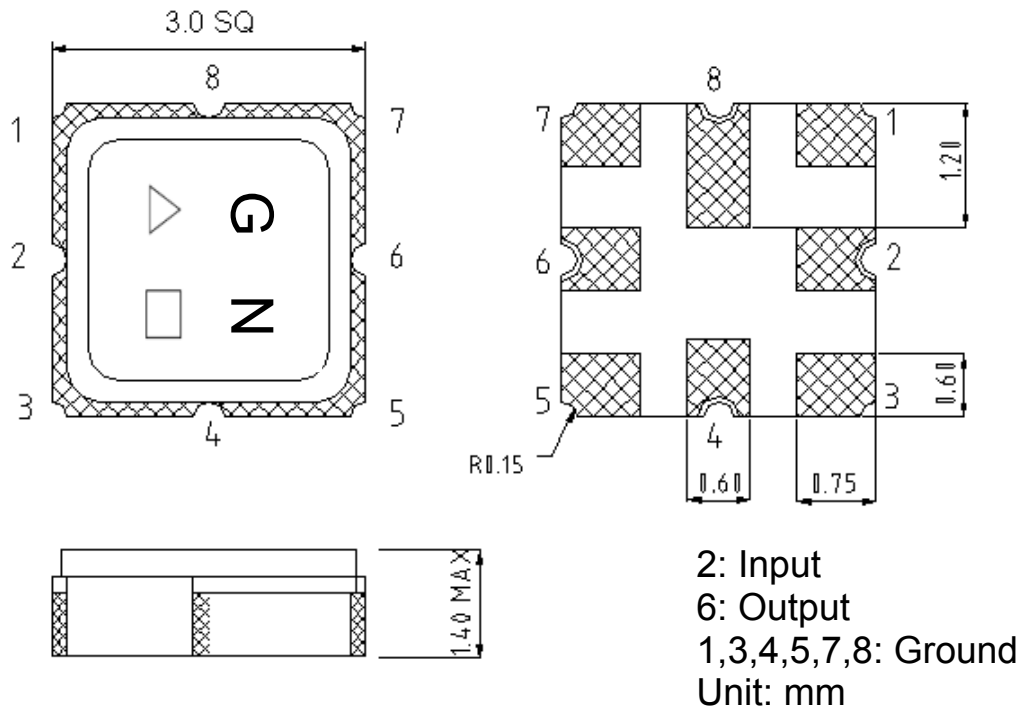
C. MEASUREMENT CIRCUIT:



D. Frequency Characteristics :



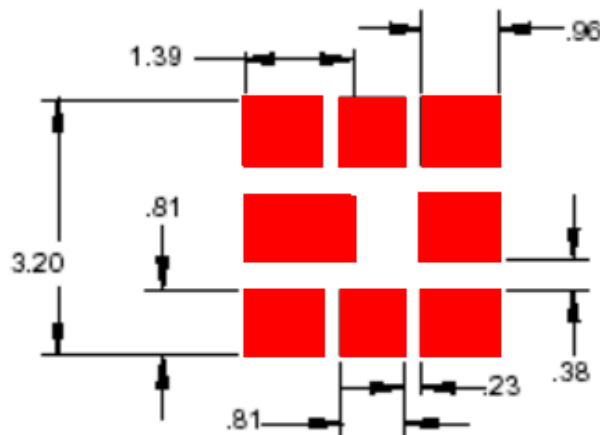
E. OUTLINE DRAWING:



△ : Year Code (2006->6, ..., 2009->9)

□ : Date Code (W01->A,W02->B,...W27->a,...,W52->z)

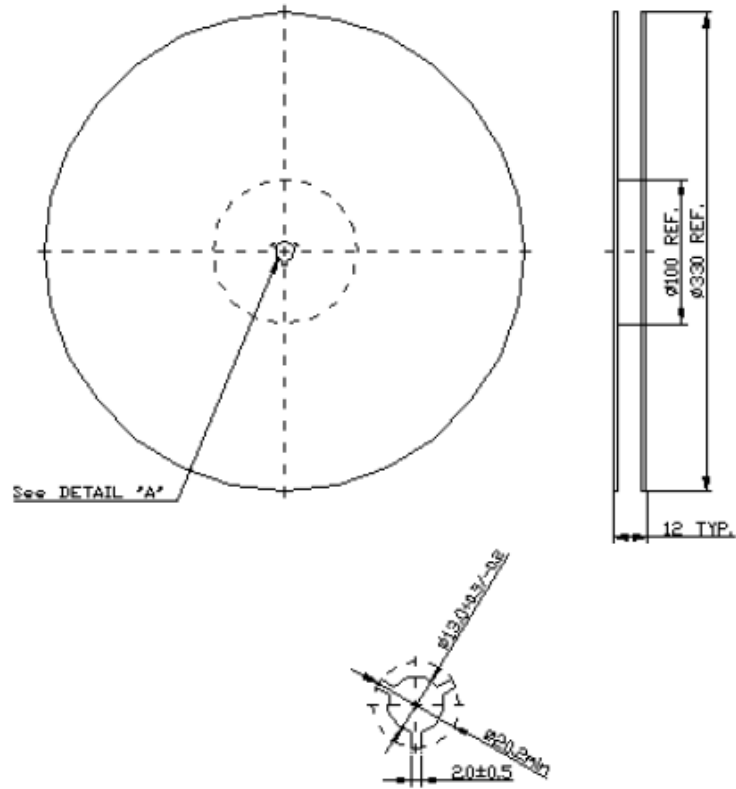
F. PCB FOOTPRINT:



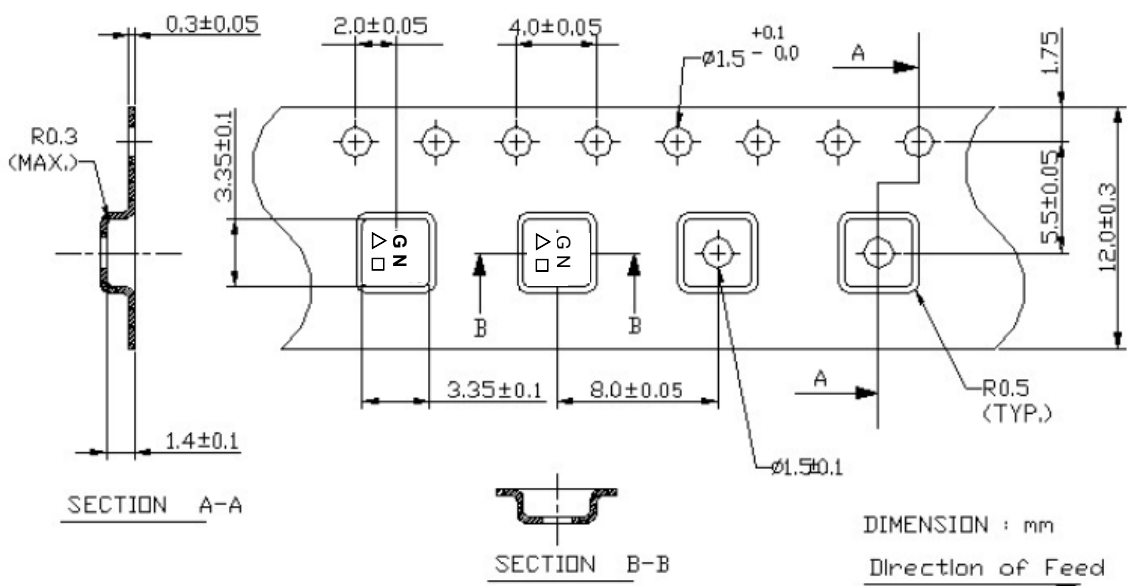
G. PACKING:

1. REEL DIMENSION

(Reel Count : 7"=1000 ; 13"=3000 or per the request of customer order)



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

