



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: October, 23, 2007

Product Name: SAW Filter 2017MHz SMD 3.0X3.0 mm

TST Parts No.: :TA0724A

Customer Parts No.: _____

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

Checked by: _____ Paul Ni

Approval by: _____ Francis chen

Date: _____ 10, 23, 2007



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SAW Filter 2017 MHz

MODEL NO.: TA0724A

REV. NO : 1.0

A. MAXIMUM RATING:

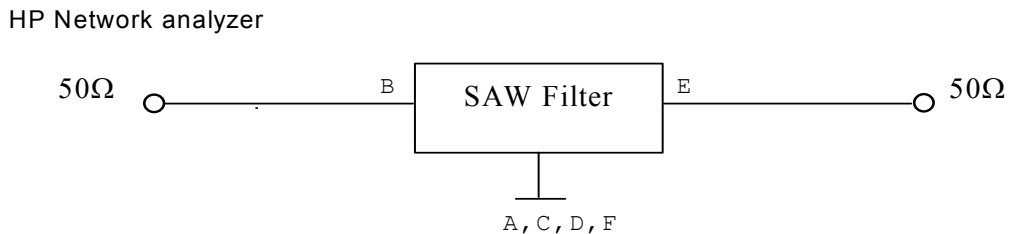
1. Input Power Level: 10 dB_m
2. DC voltage: 3 V
3. Operating Temperature: -30°C to +85°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

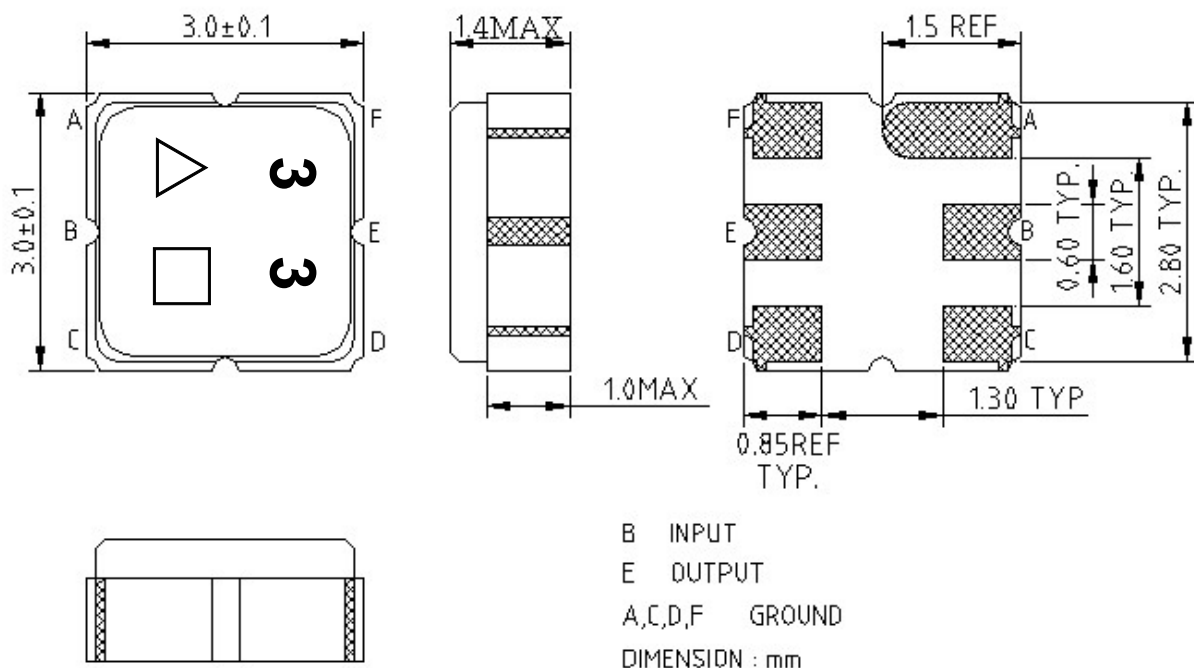
B. ELECTRICAL CHARACTERISTICS:

| Item | Min. | Typ. | Max. |
|--|------|------|------|
| Center frequency Fc (dB) | - | 2017 | - |
| Insertion loss within 2007 ~2026 MHz IL (dB) | - | 1.9 | 4 |
| Amplitude ripple (p-p) within 2007 ~ 2026 MHz (dB) | - | 0.4 | 2.0 |
| Attenuation (Reference level from 0 dB) | | | |
| D.C. ~ 470 MHz (dB) | 20 | 35 | - |
| 470 ~ 1800 MHz (dB) | 18 | 30 | - |
| 1800 ~ 1940 MHz (dB) | 22 | 34 | - |
| 2110 ~ 2200 MHz (dB) | 24 | 36 | - |
| 2200 ~ 4000 MHz (dB) | 22 | 35 | - |
| Source impedance Z _s (Ω) | - | 50 | - |
| Load impedance Z _L (Ω) | - | 50 | - |
| | | | |

C. MEASUREMENT CIRCUIT:

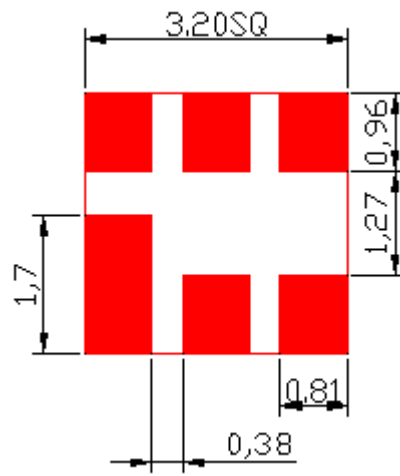


D.OUTLINE DRAWING:

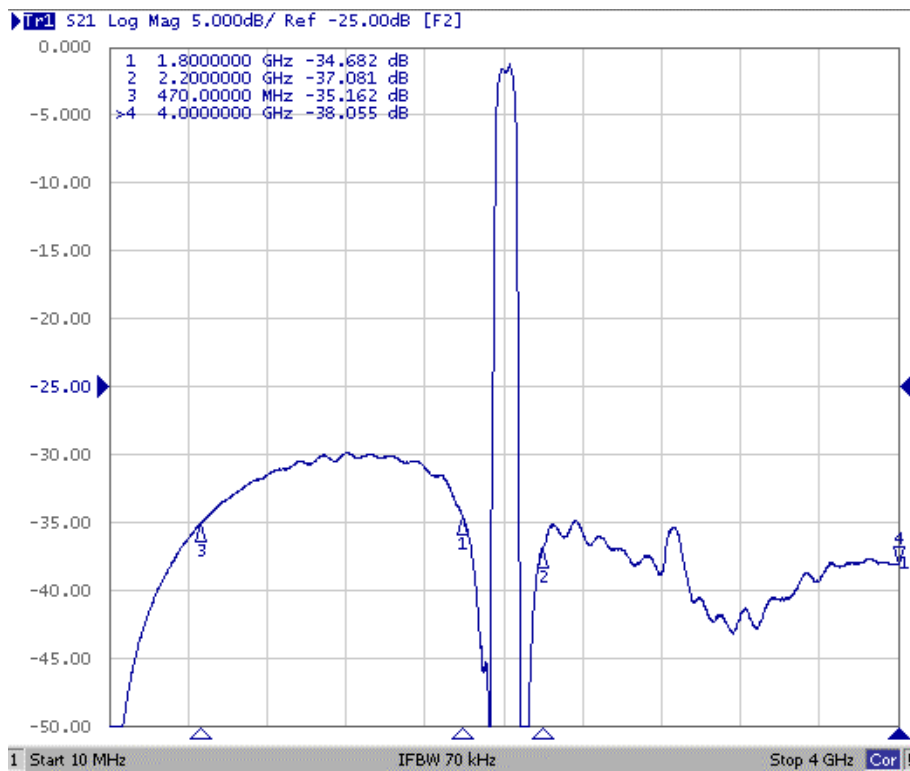
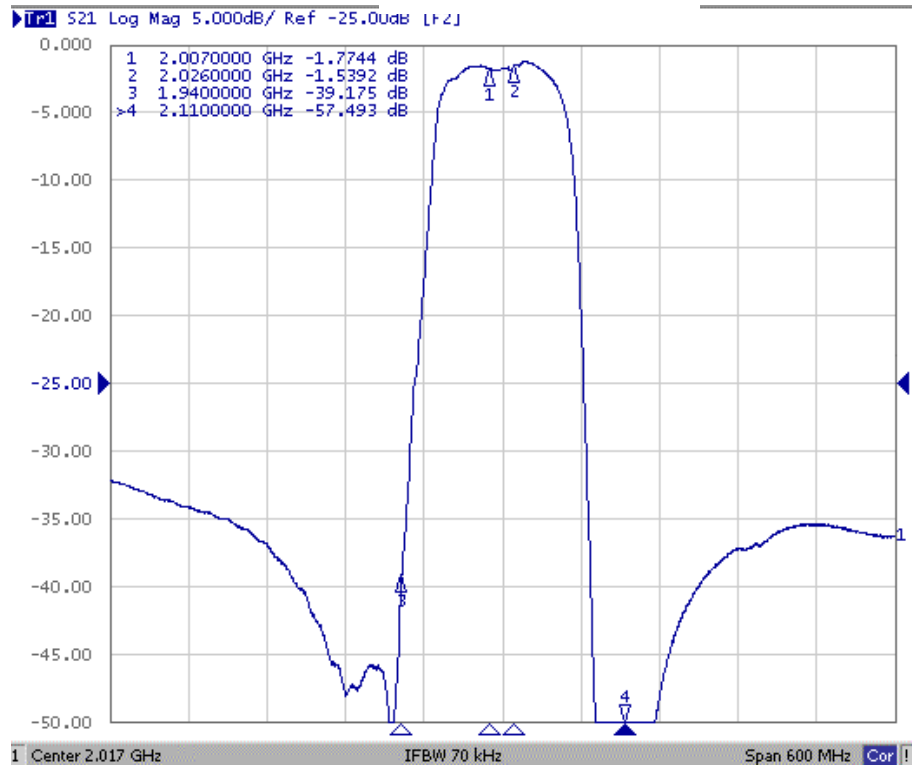


- △ : Year Code(2007→7, ...2009→9)
- : Date Code(Follow the table from planner each year)

E. PCB Footprint :

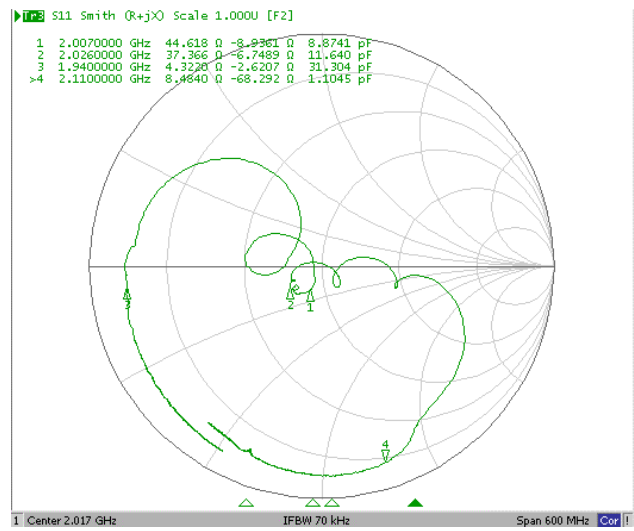
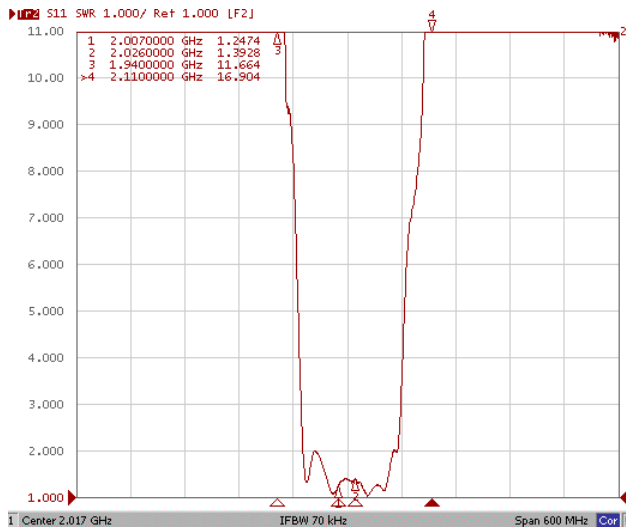


F. Frequency Characteristics : Transfer function

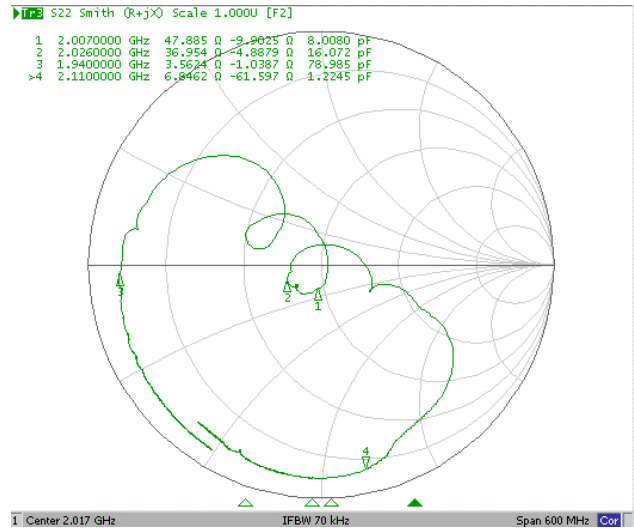
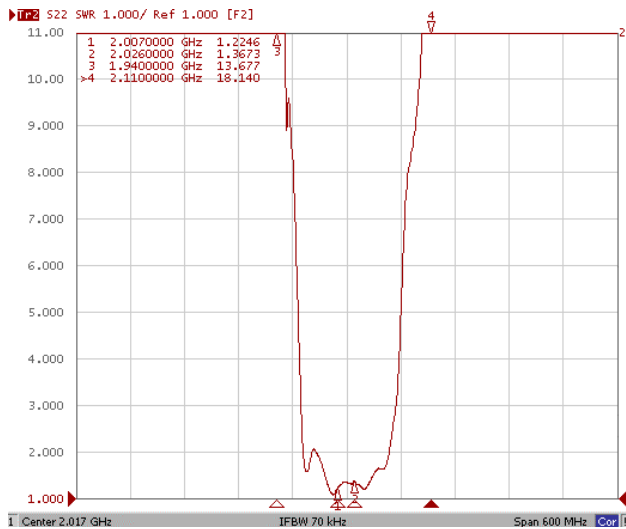


Reflection Functions :

S11

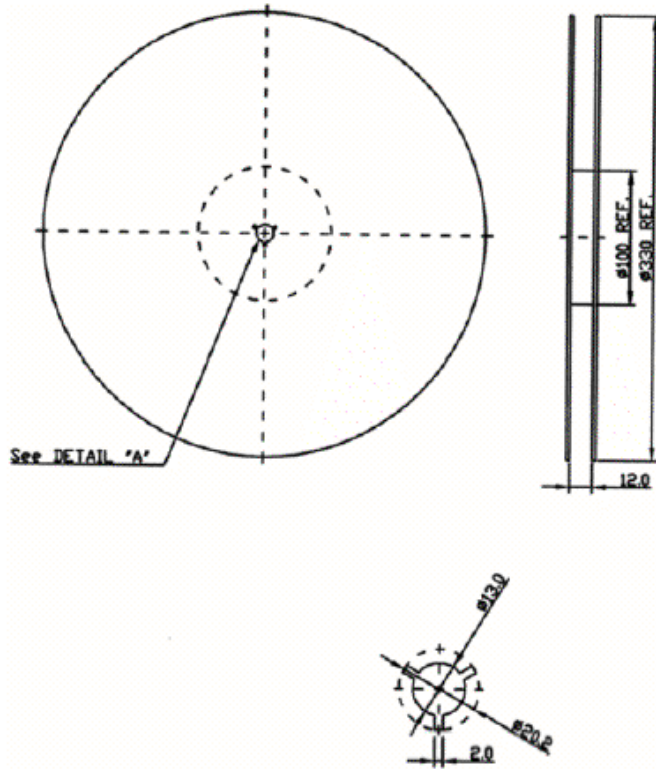


S22

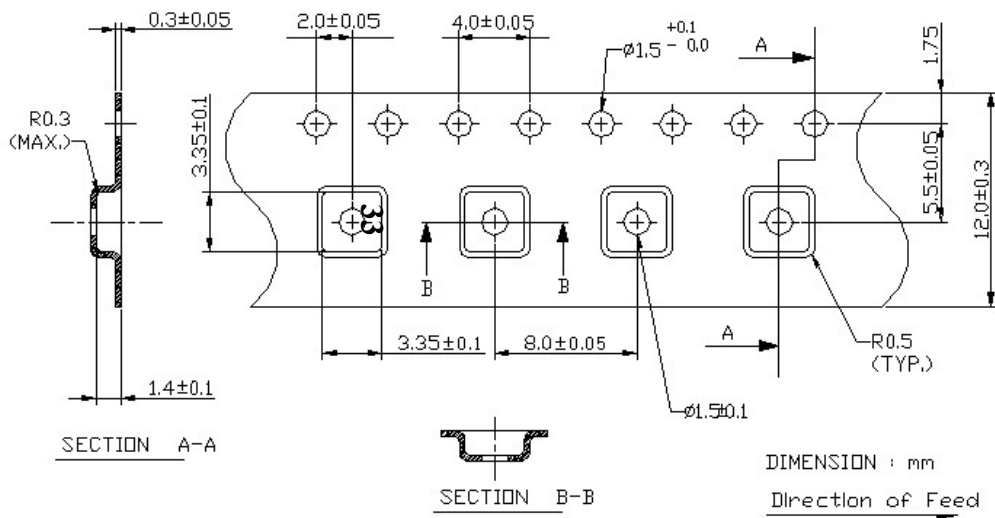


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE:

