



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: Dec, 24, 2008

Product Name: SAW Filter 716 MHz SMD 3.8X3.8 mm

TST Parts No.: TA0958A

Customer Parts No.: _____

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

Checked by: _____ Bob Chau *Bob Chau*

Approval by: _____ Francis Chen *Francis Chen*

Date: _____ 12, 24, 2008



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SAW Filter 716 MHz

MODEL NO.:TA0958A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -20°C to +75°C
4. Storage Temperature: -40°C to +85°C

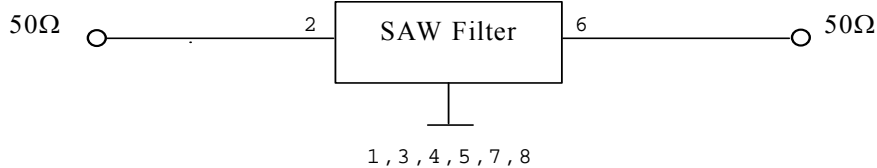
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

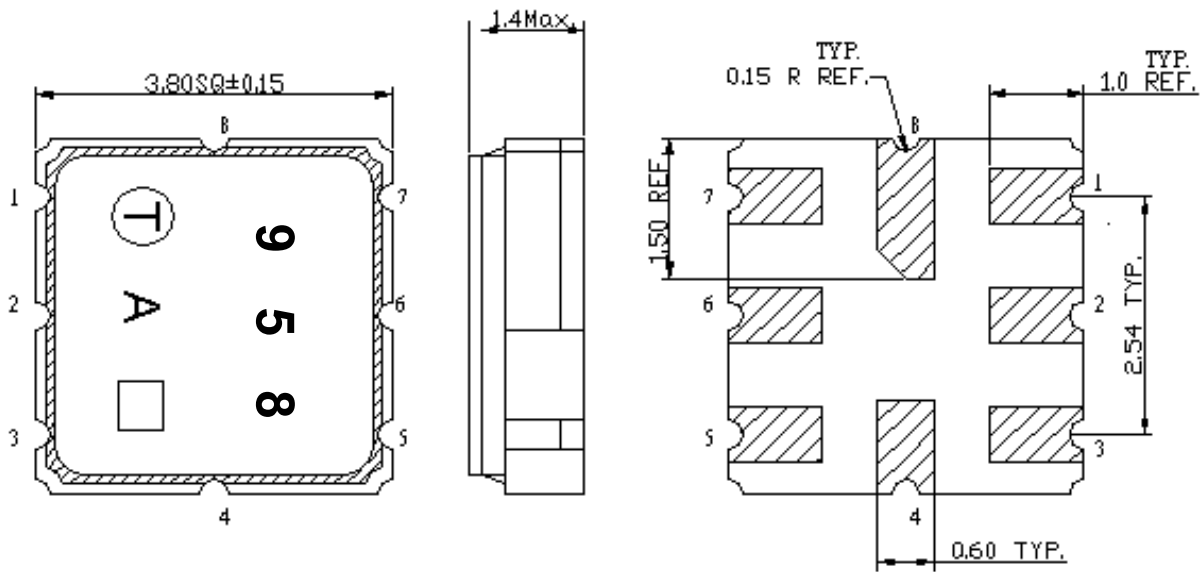
| Item | Unit | Min. | Typ. | Max. | Note |
|--|--------|------|------|------|------|
| Center Frequency Fc | MHz | - | 716 | - | - |
| Insertion loss (710~722MHz) IL | dB | - | 1.5 | 4.5 | - |
| Amplitude Ripple (710 ~ 722 MHz) | dB | - | 0.5 | 2 | - |
| Group Delay Variation (710~722 MHz) | ns | - | 20 | 45 | - |
| Attenuation (Reference level from 0 dB) | | | | | |
| 0 ~ 619 MHz | dB | 37 | 41 | - | - |
| 619 ~ 669 MHz | dB | 37 | 42 | - | - |
| 669 ~ 685 MHz | dB | 30 | 50 | - | - |
| 740 ~ 755 MHz | dB | 30 | 52 | - | - |
| 769 ~ 819 MHz | dB | 35 | 44 | - | - |
| 819 ~ 1000 MHz | dB | 38 | 44 | - | - |
| 1000 ~ 1500 MHz | dB | 25 | 44 | - | - |
| Temperature Coefficient of Frequency | Ppm/°C | - | -35 | - | - |

C. MEASUREMENT CIRCUIT:

HP Network analyzer

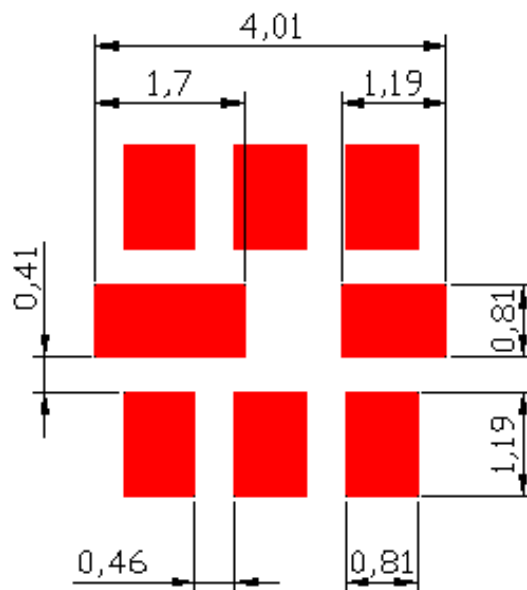


D.OUTLINE DRAWING:

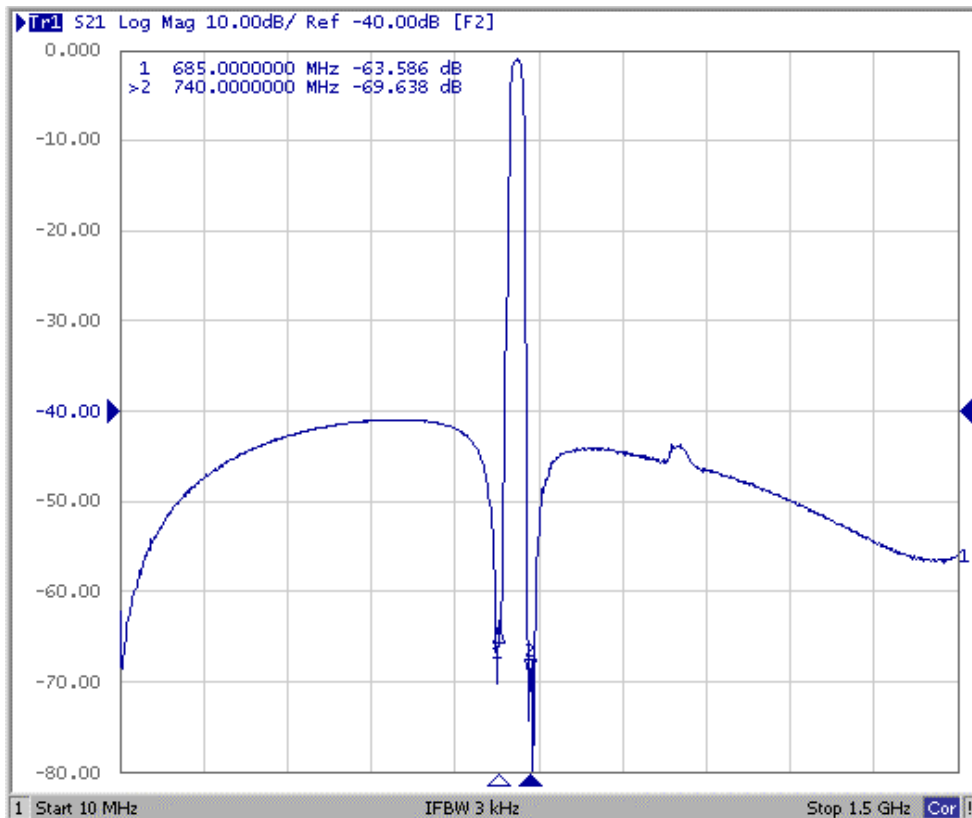
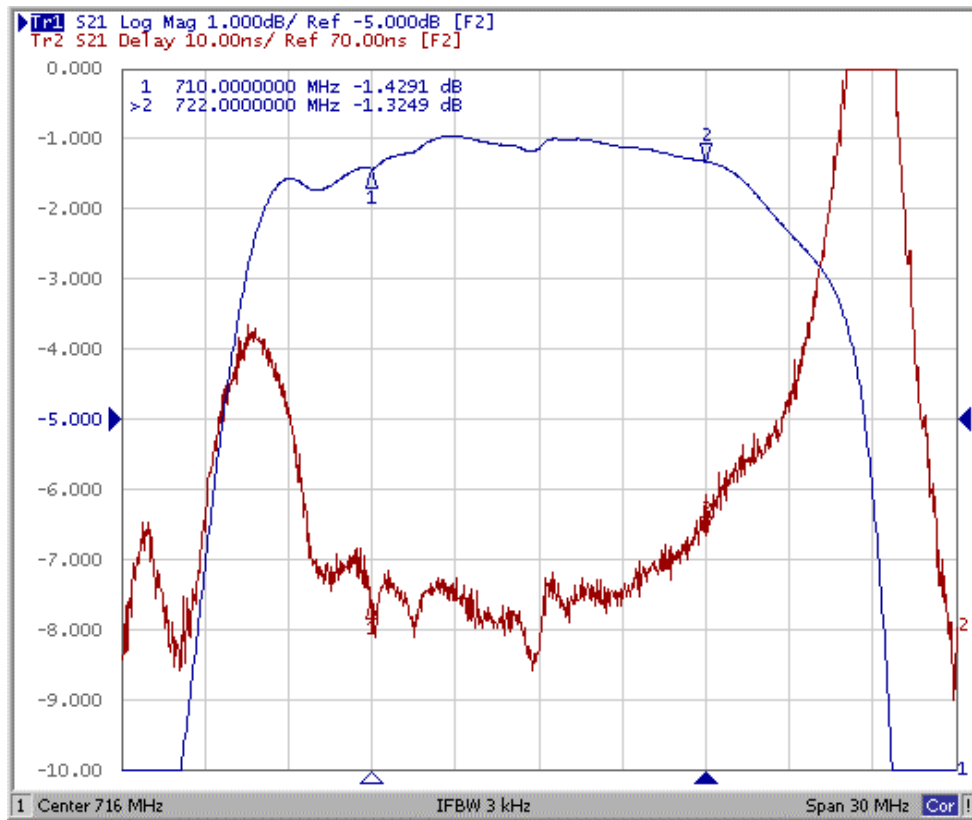


- 2 : Input
- 6: Output
- 1,3,4,5,7,8: Ground
- : Date Code (W01->A, W02->B,...W52->z)
- Unit: mm

E. PCB Footprint:



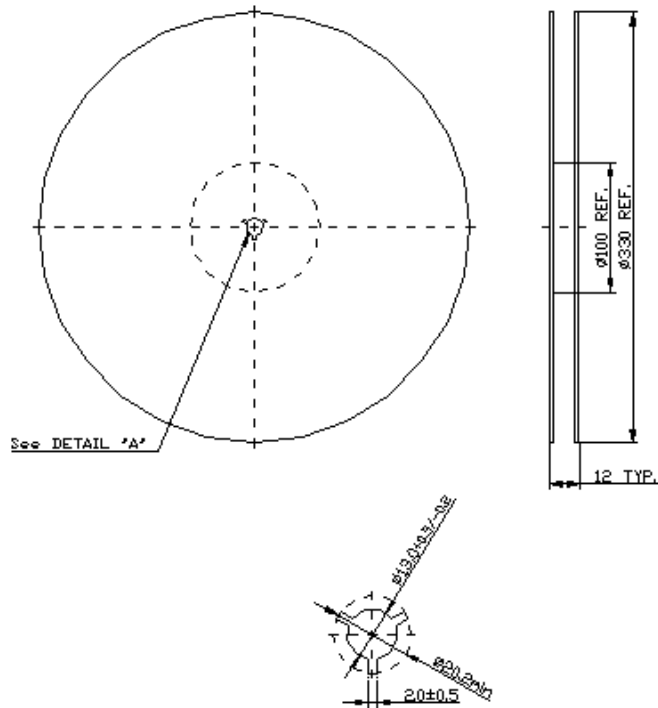
F. Frequency Characteristics :



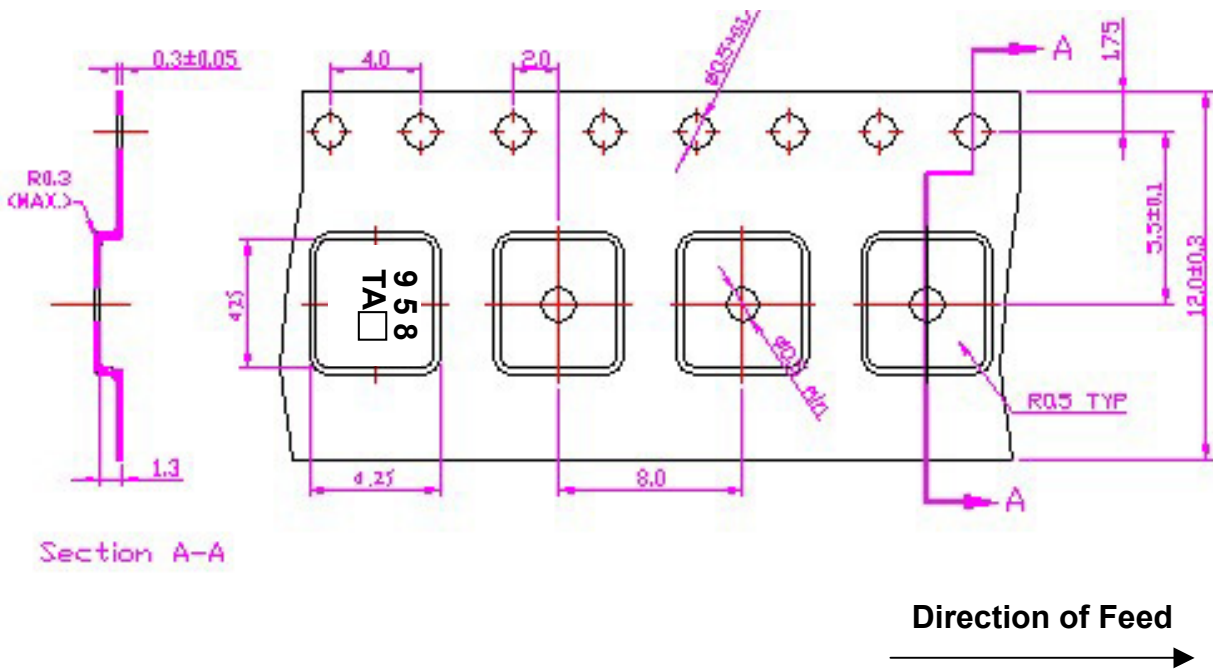
G. PACKING:

1. REEL DIMENSION

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



2.TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

