



# 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 927 MHz SMD 3.8x3.8 mm

TST Parts No.:TA1008A

Customer Parts No.: \_\_\_\_\_

Company: \_\_\_\_\_

Division: \_\_\_\_\_

Approved by : \_\_\_\_\_

Date: \_\_\_\_\_

Checked by: \_\_\_\_\_ David Chang 張閔智

Approval by: \_\_\_\_\_ Francis Chen 陳國華

Date: \_\_\_\_\_ 2009/04/07



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## SAW Filter 927 MHz

MODEL NO.:TA1008A

REV. NO.:1

### A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 5 V
3. Operating Temperature: -10°C to +50°C
4. Storage Temperature: -30°C to +80°C

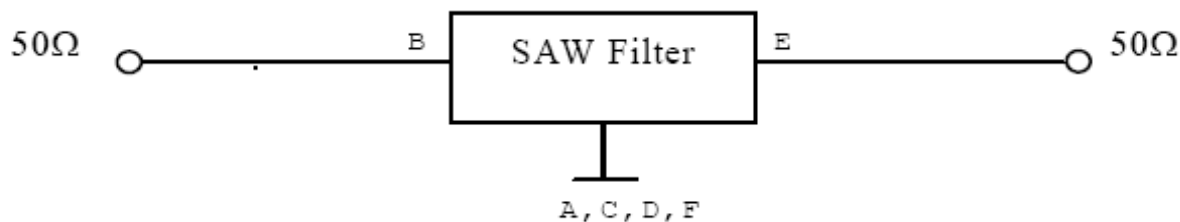
RoHS Compliant  
Lead free  
Lead-free soldering

### B. ELECTRICAL CHARACTERISTICS:

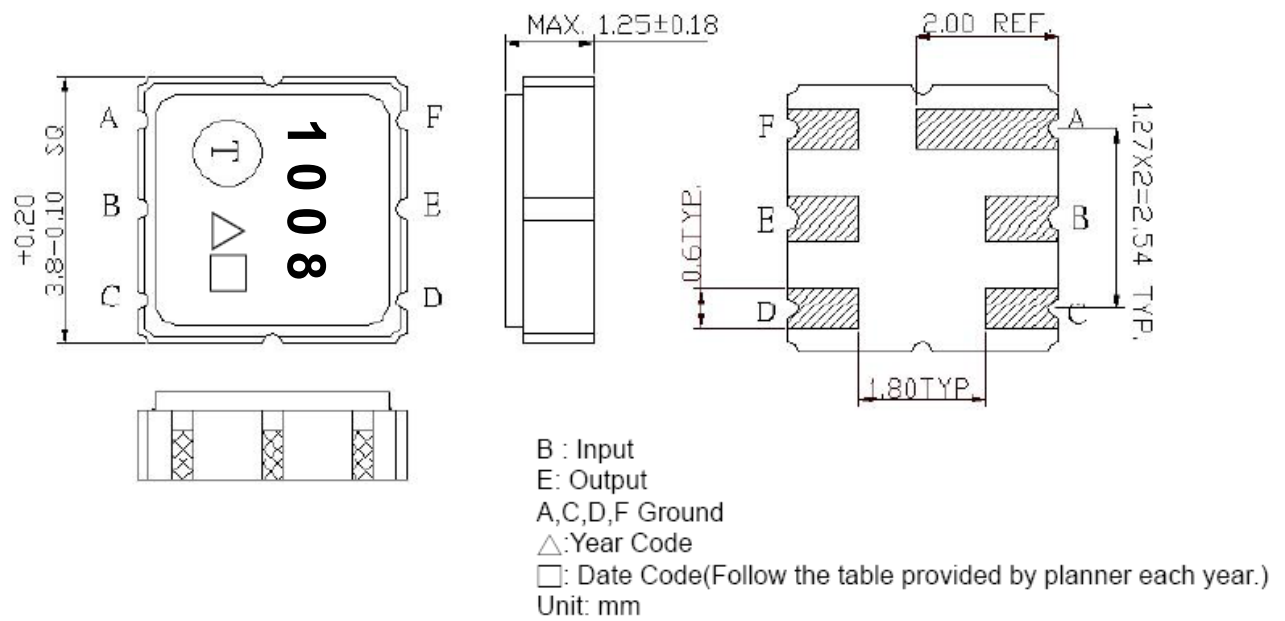
| Item                                    | Unit | Min. | Typ. | Max. |
|-----------------------------------------|------|------|------|------|
| Center frequency <b>Fc</b>              | MHz  | -    | 927  | -    |
| Insertion loss (926~928 MHz) <b>IL</b>  | dB   | -    | 2.7  | 4.5  |
| Amplitude Ripple (926~928 MHz)          | dB   | -    | 0.3  | 2.0  |
| Attenuation (Reference level from 0 dB) |      |      |      |      |
| 827 ~ 904 MHz                           | dB   | 40   | 54   | -    |
| 971 ~ 1027 MHz                          | dB   | 40   | 62   | -    |

### C. MEASUREMENT CIRCUIT:

HP Network analyzer



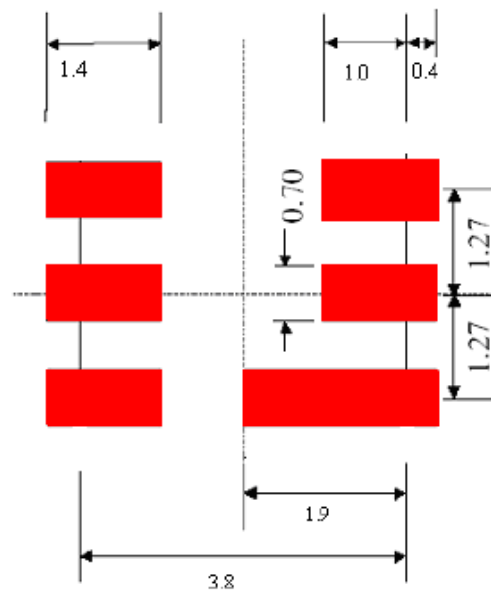
## D.OUTLINE DRAWING:



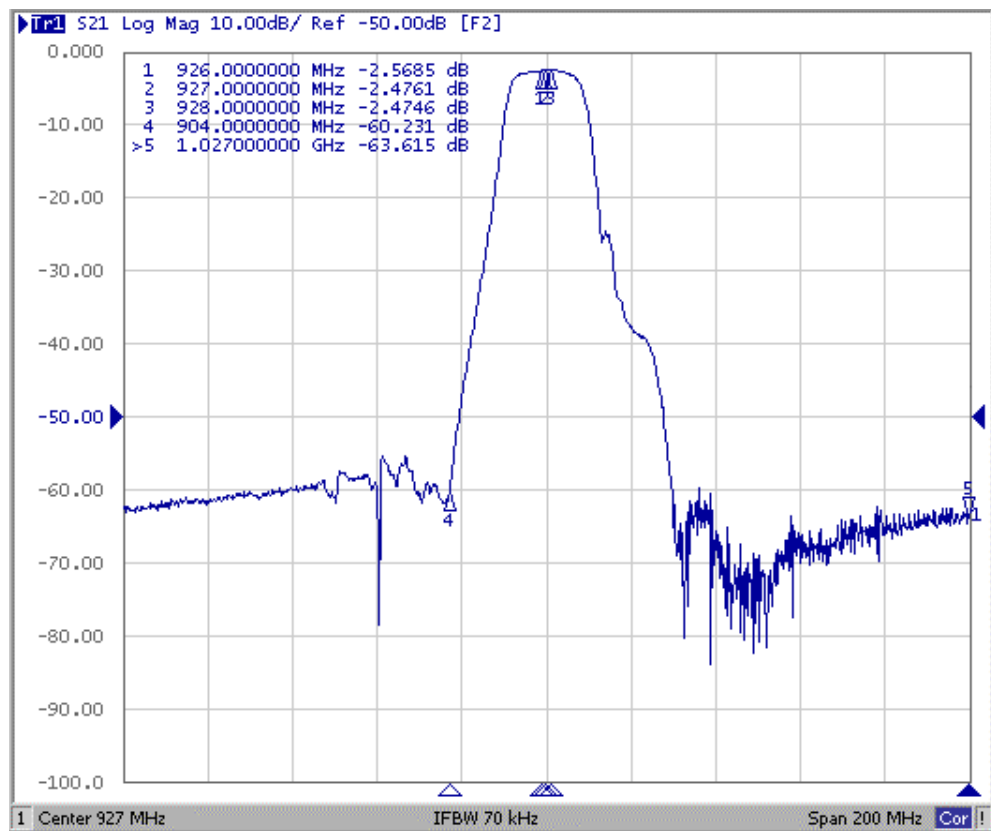
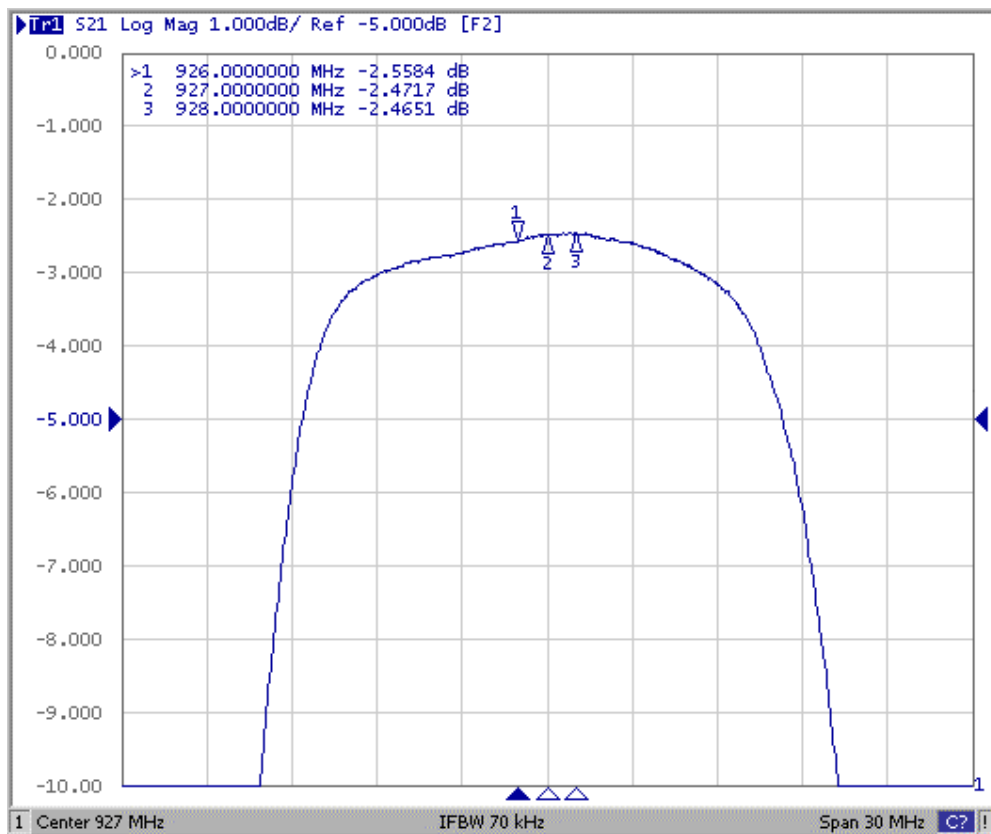
△ Product Year Code

|              |                      |                      |
|--------------|----------------------|----------------------|
| Year         | 2005<br>2007<br>2009 | 2006<br>2008<br>2010 |
| Product Code | A                    | a                    |

## E. PCB Footprint:



## F. Frequency Characteristics :



## 1. REEL DIMENSION

## 2. TAPE DIMENSION



**H. RECOMMENDED REFLOW PROFILE :**

