



# 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: May, 30, 2008

Product Name: SAW Filter 1268.52 MHz SMD 3.0X3.0 mm

TST Parts No.: TA0862A

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

Company: _____
Division: _____
Approved by : _____
Date: _____

Checked by: \_\_\_\_\_ Bob Chau

Approval by: \_\_\_\_\_ Francis Chen

Date: \_\_\_\_\_ 5, 30, 2008



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## SAW Filter 1268.52 MHz

MODEL NO.:TA0862A

REV. NO.:1

### A. MAXIMUM RATING:

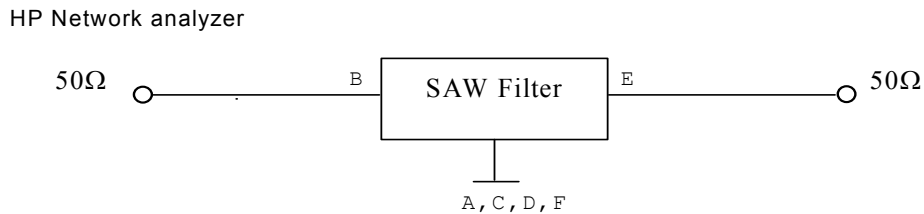
1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant  
Lead free  
Lead-free soldering

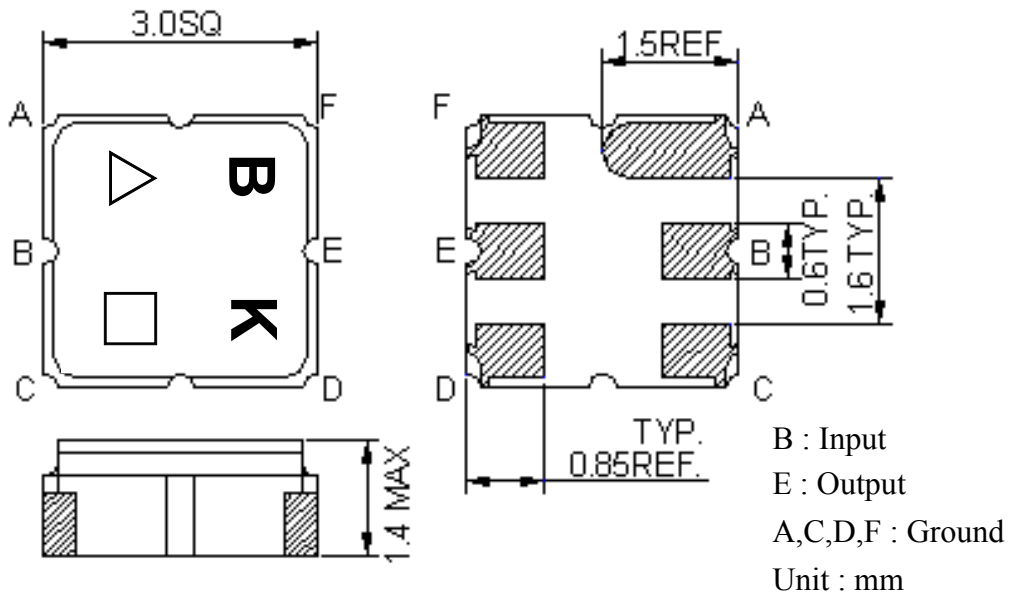
### B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.	Note
Center Frequency <b>Fc</b>	MHz	-	1268.52	-	-
Insertion Loss (1258.29~1278.75 MHz) <b>IL</b>	dB	-	1.7	3.2	-
Amplitude Ripple (1258.29~1278.75 MHz)	dB	-	0.5	1.8	-
<b>Bandwidth @ 2dB</b>	MHz	20.46	38.3	-	-
<b>VSWR</b> (1258.29~1278.75 MHz)		-	1.3	2.1	-
<b>Attenuation</b> (Reference level from 0 dB)					
1227.52 MHz	dB	39	45.5	-	-
1309.52 MHz	dB	50	67	-	-

### C. MEASUREMENT CIRCUIT:



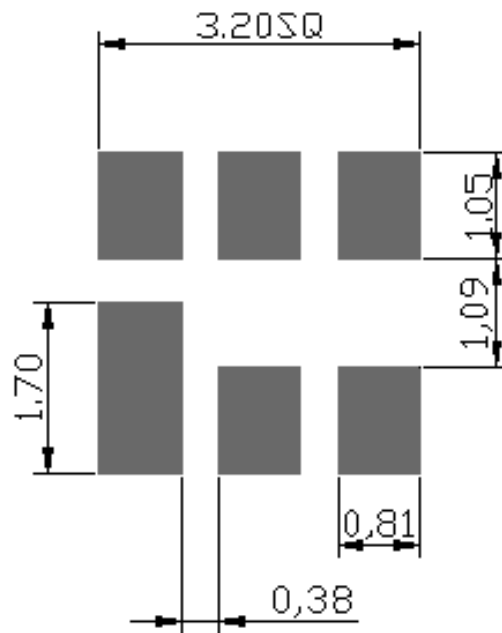
**D.OUTLINE DRAWING:**



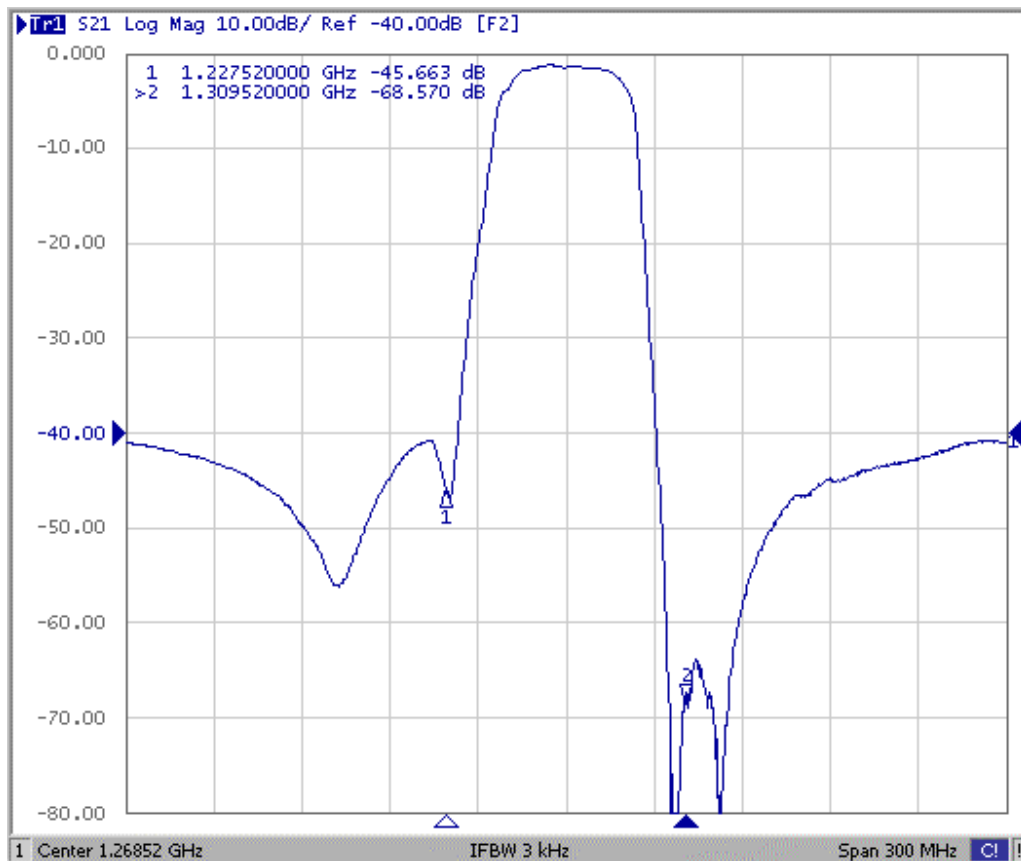
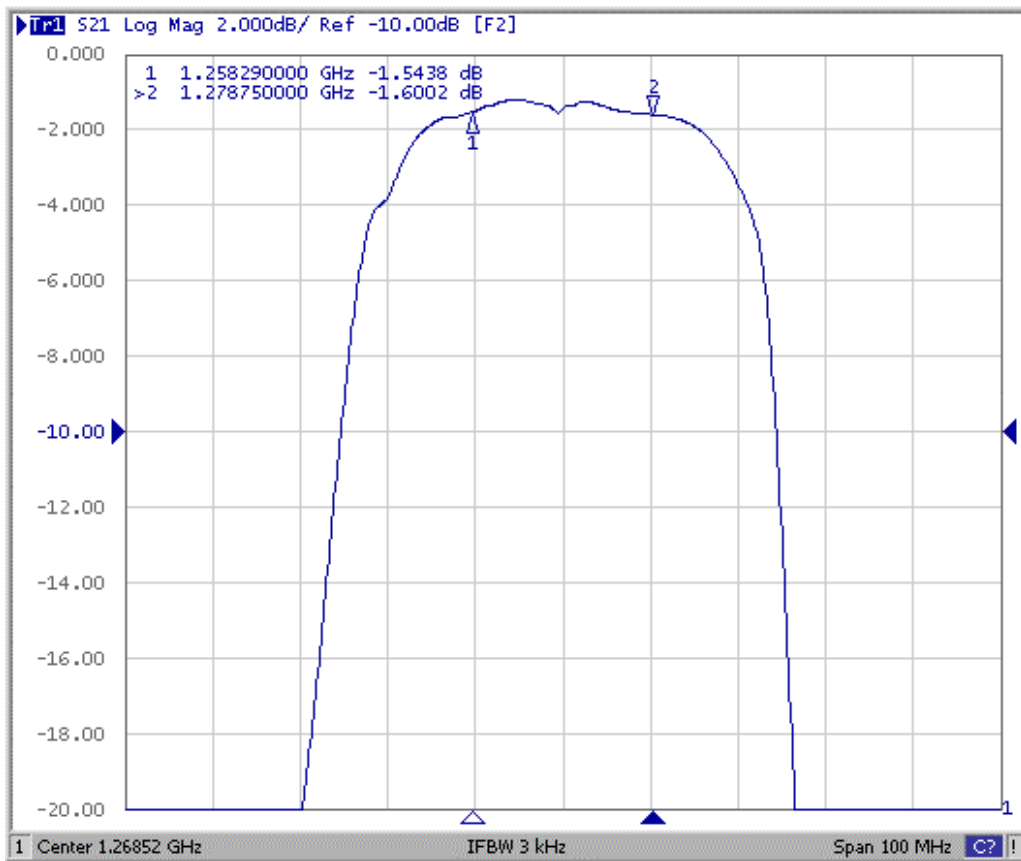
△ : Year Code (2006->6, ..., 2009->9)

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

**E. PCB Footprint:**

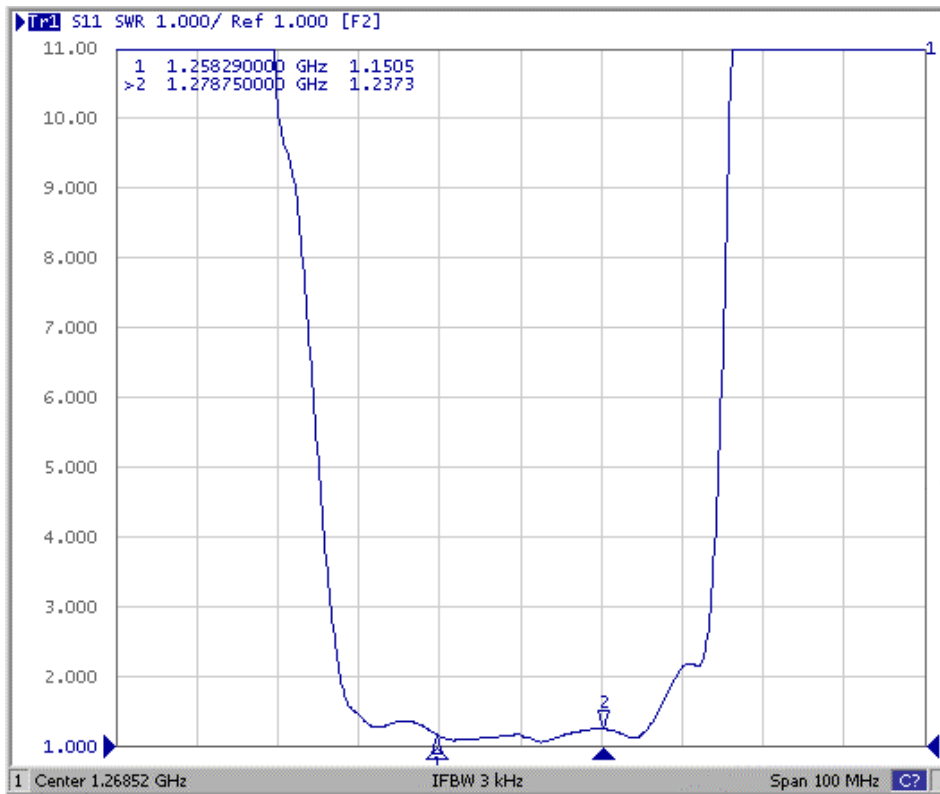


## F. Frequency Characteristics :

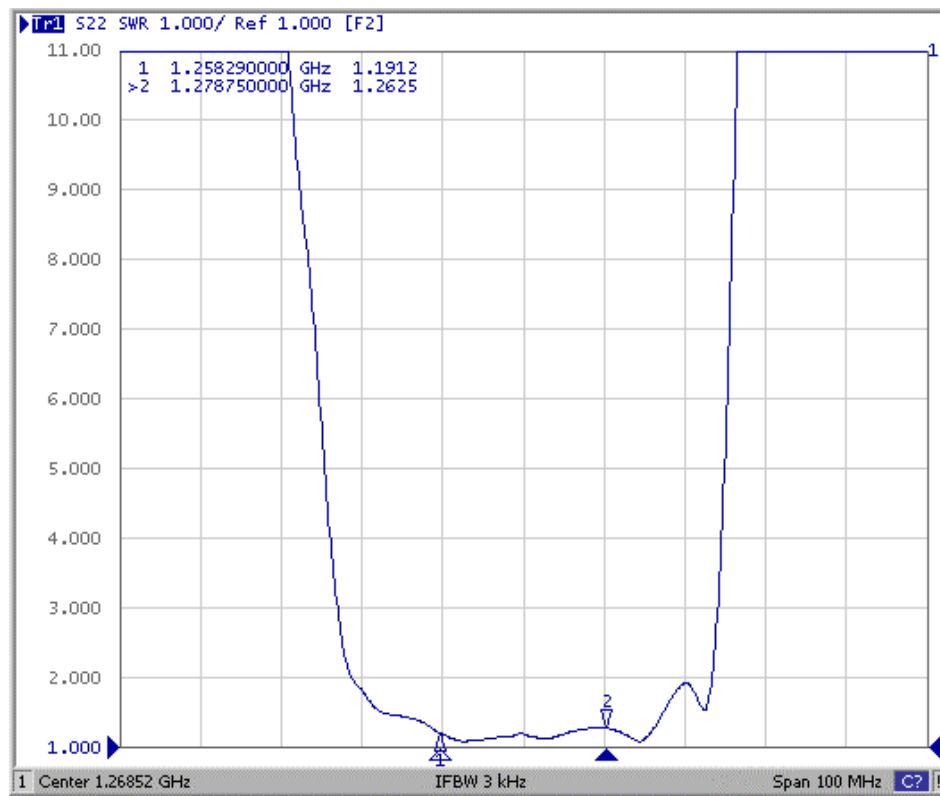


Reflection Functions :

S11



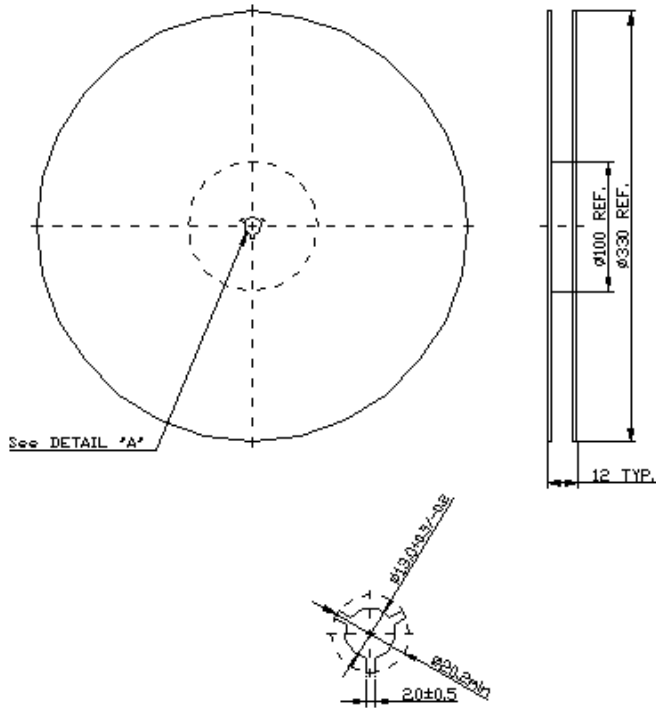
S22



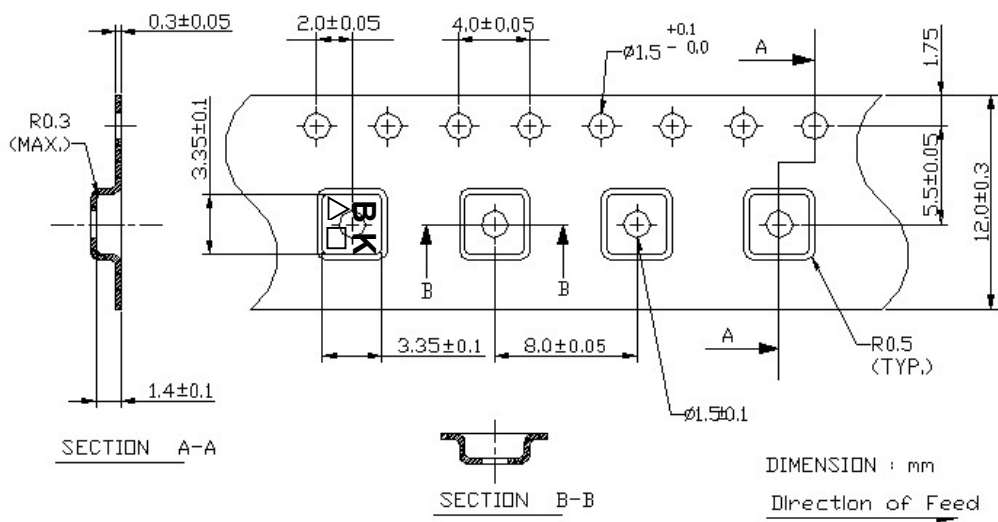
**G. PACKING:**

**1. REEL DIMENSION**

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



**2. TAPE DIMENSION**



**H. RECOMMENDED REFLOW PROFILE :**

