



# 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: July, 1, 2008

Product Name: SAW Filter 2535 MHz SMD 3.0X3.0 mm

TST Parts No.: TA0795A

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

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

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

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

Date: \_\_\_\_\_ 7, 1, 2008



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## SAW Filter 2535 MHz

MODEL NO.:TA0795A

REV. NO.:2

### A. MAXIMUM RATING:

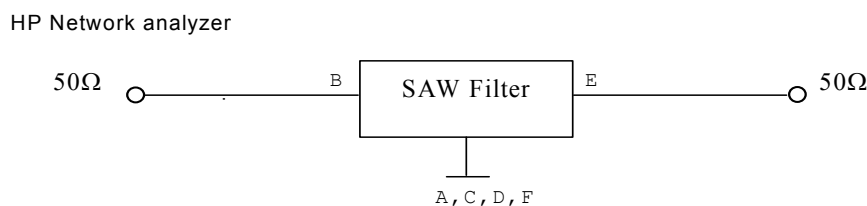
1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant  
Lead free  
Lead-free soldering

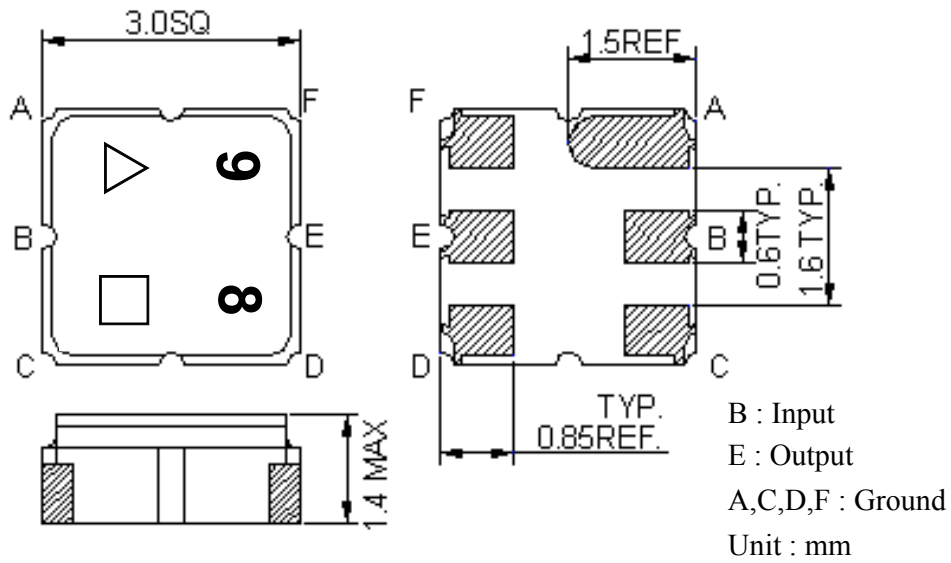
### B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.	Note
<b>Center Frequency</b> <b>F<sub>c</sub></b>	MHz	-	2535	-	-
<b>Insertion Loss</b> (2500 ~ 2570 MHz) <b>IL</b>	dB	-	2.2	3.6	-
<b>Amplitude Ripple</b> (2500 ~ 2570 MHz)	dB	-	0.8	2.2	-
<b>VSWR</b> (2500 ~ 2570 MHz)		-	2	2.2	-
<b>Attenuation</b> (Reference level from 0 dB)					
DC ~ 2100 MHz	dB	25	31	-	-
2100 ~ 2400 MHz	dB	27	34.5	-	-
2650 ~ 4000 MHz	dB	30	38	-	-
4000 ~ 5000 MHz	dB	12	23	-	-

### C. MEASUREMENT CIRCUIT:



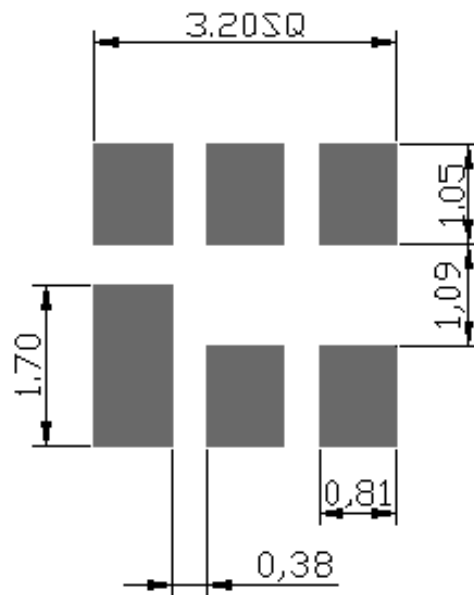
**D.OUTLINE DRAWING:**



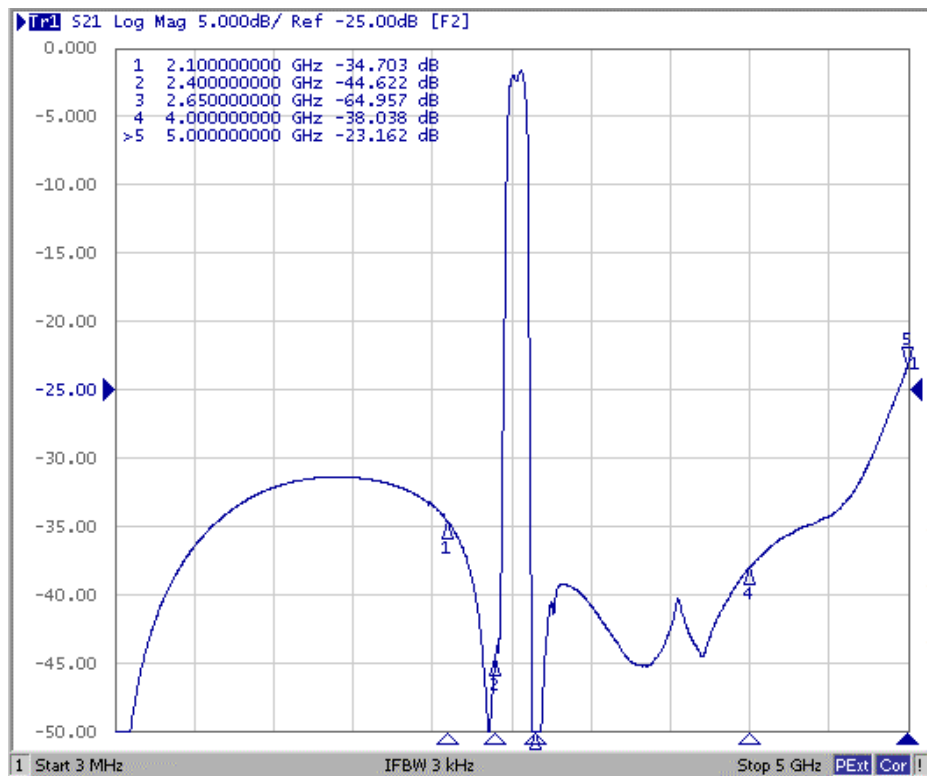
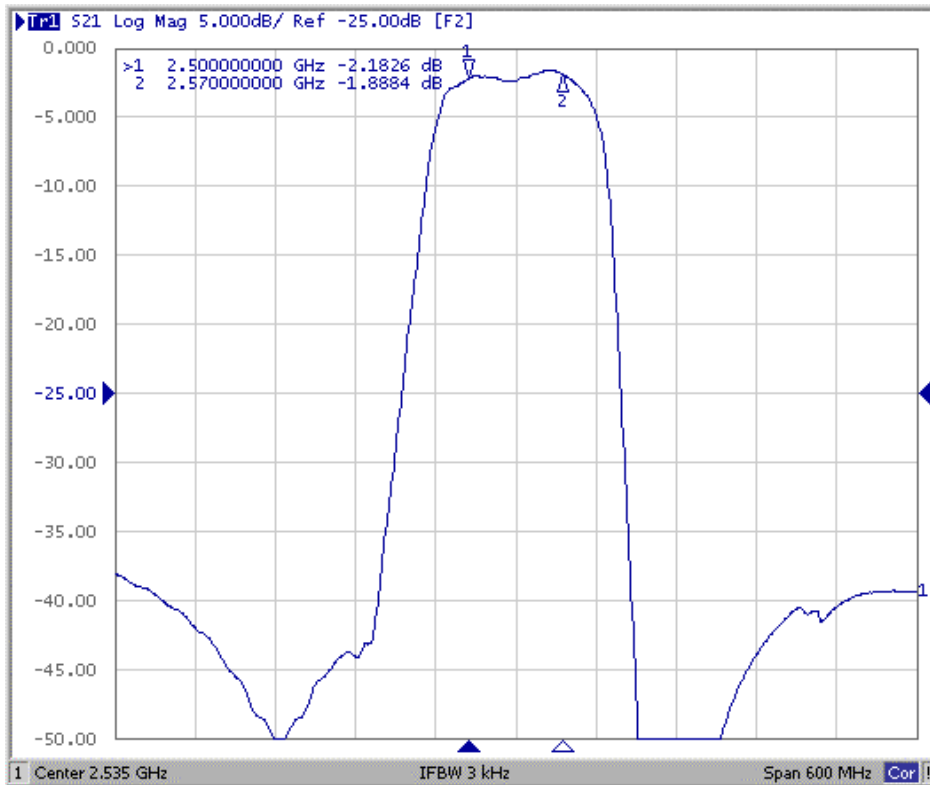
△ : Year Code (2006->6, ..., 2009->9)

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

**E. PCB Footprint:**

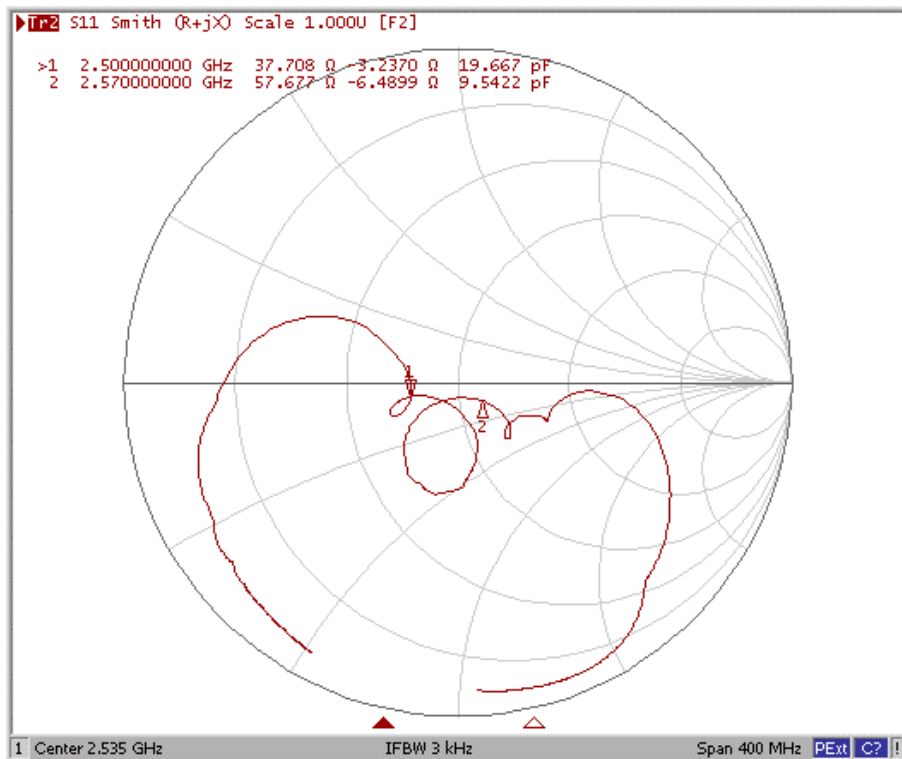
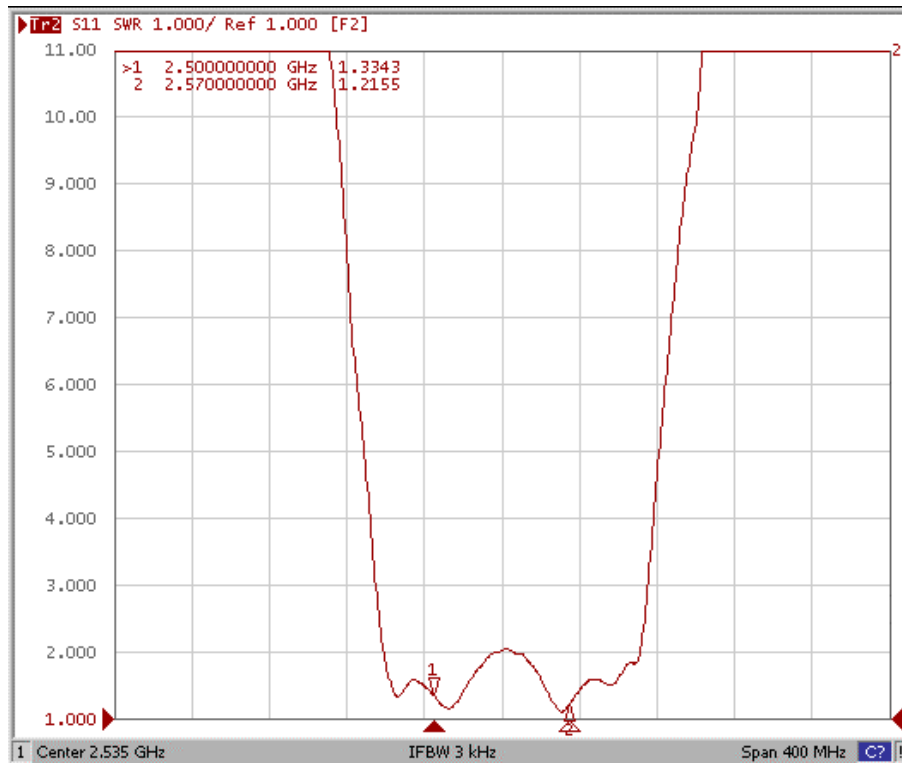


## F. Frequency Characteristics :

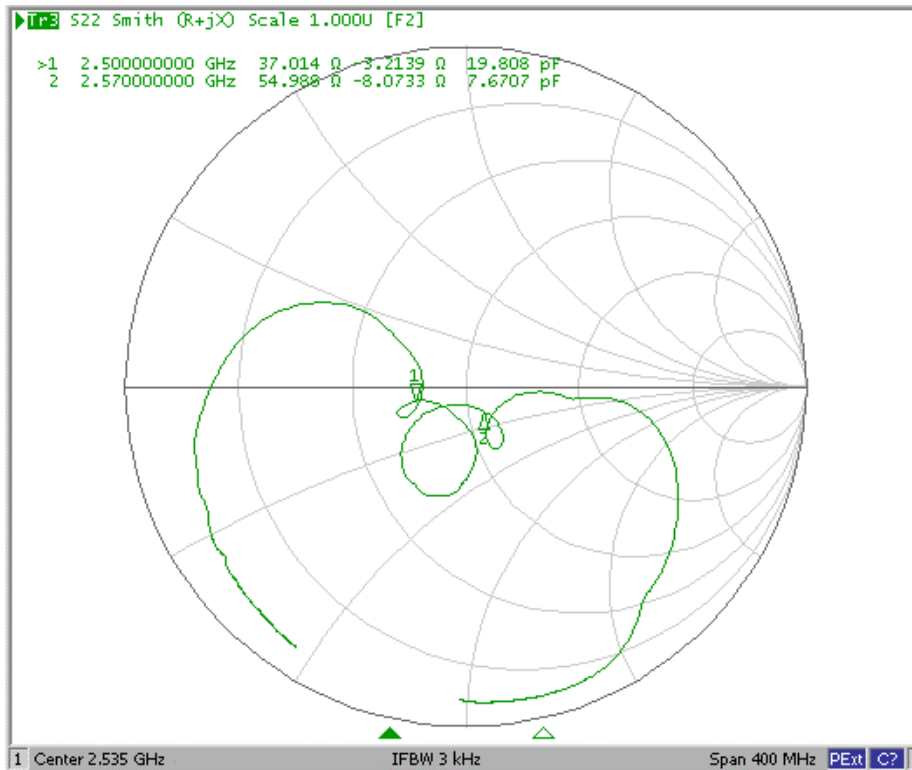
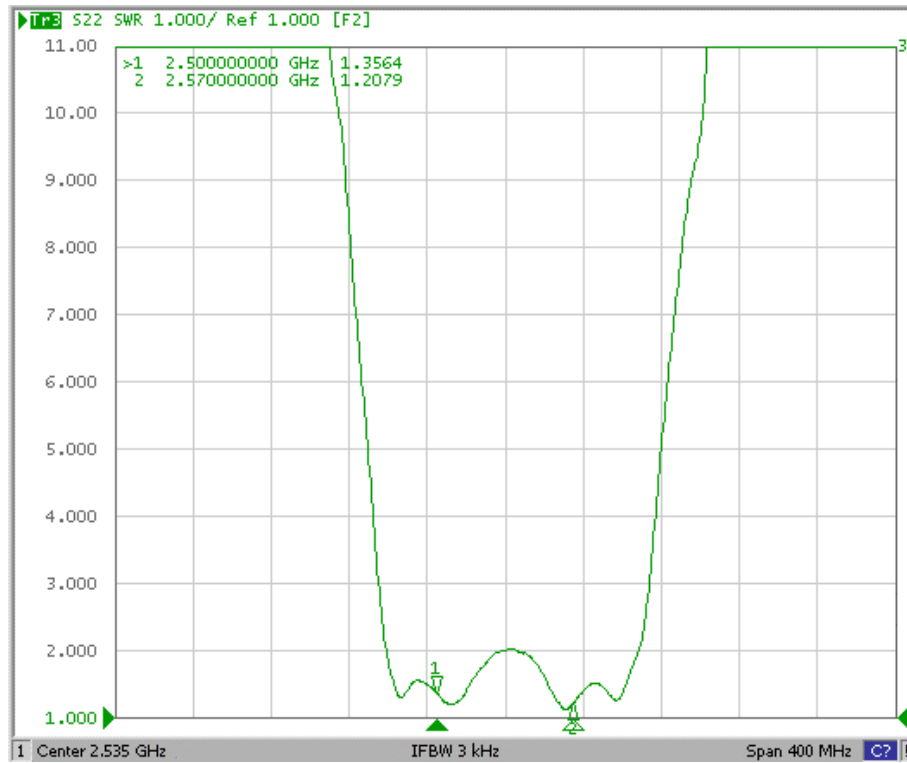


Reflection Functions :

S11



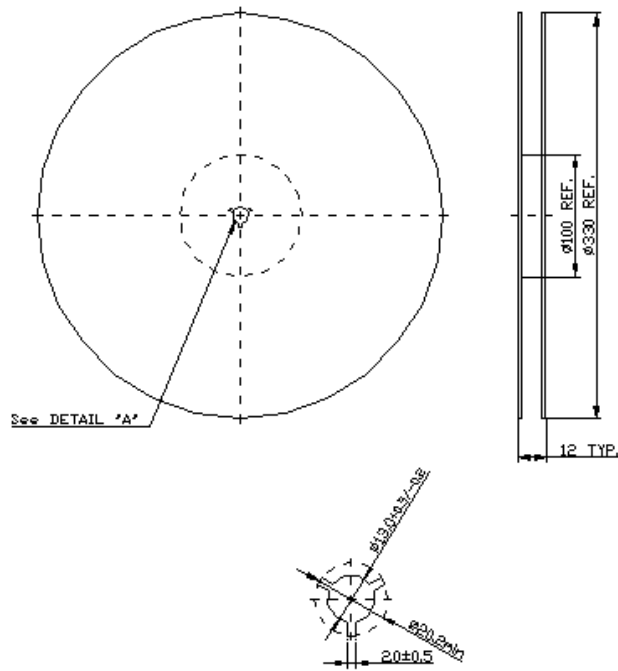
# S22



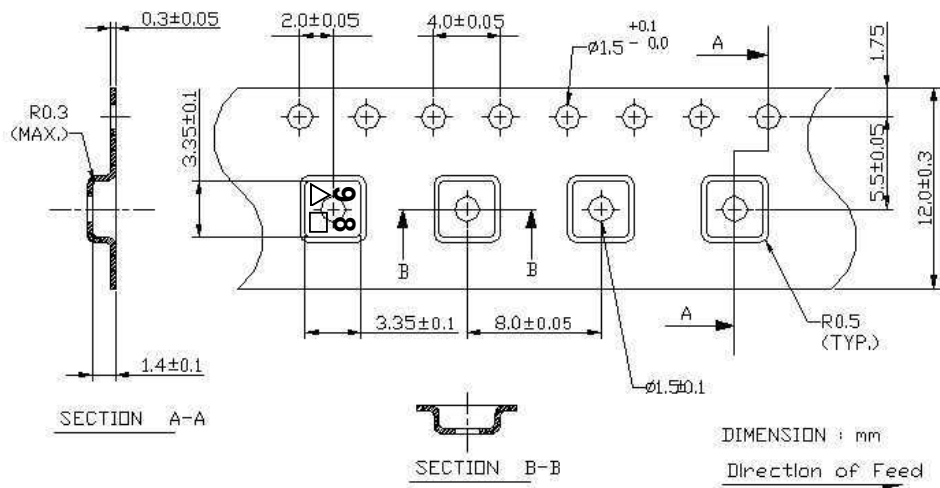
**G. PACKING:**

**1. REEL DIMENSION**

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



**2. TAPE DIMENSION**



## H. RECOMMENDED REFLOW PROFILE :

