



# 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: Sep, 14, 2007

Product Name: SAW Filter 1932.5 MHz SMD 3.0X3.0 mm

TST Parts No.: TA0742A

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

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

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

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

Date: \_\_\_\_\_ 9, 14, 2007



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## SAW Filter 1932.5 MHz

MODEL NO.:TA0742A

REV. NO.:1

### A. MAXIMUM RATING:

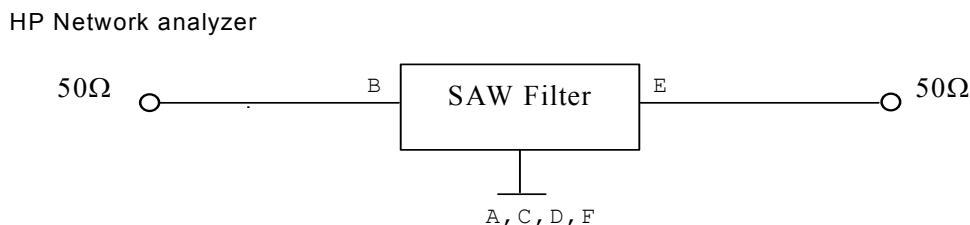
1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant  
Lead free  
Lead-free soldering

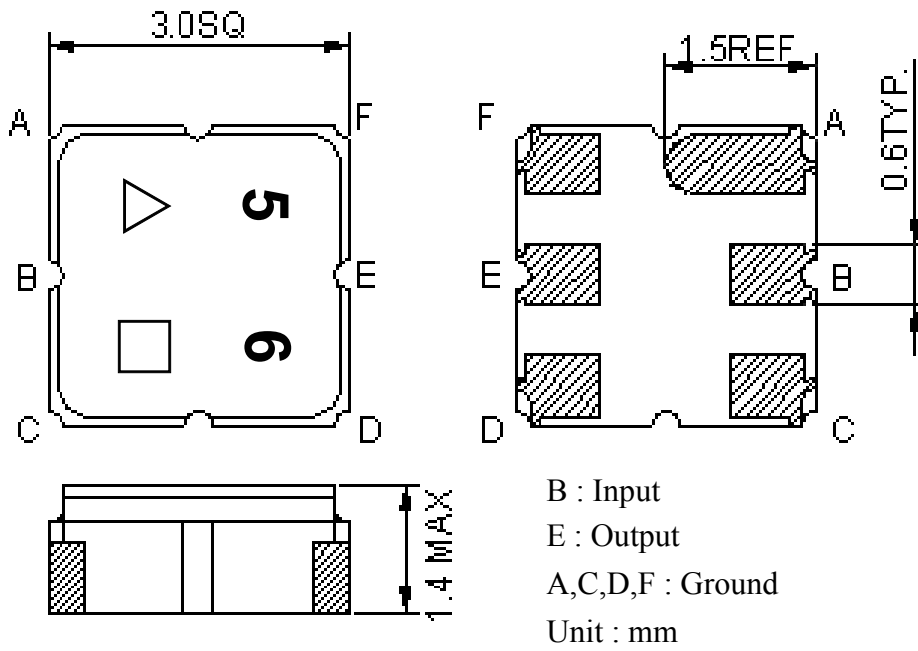
### B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.	Note
Center Frequency <b>Fc</b>	MHz	-	1932.5	-	-
Insertion Loss (1925 ~ 1940 MHz) <b>IL</b>	dB	-	1.7	3	-
Amplitude Ripple (1925 ~ 1940 MHz)	dB	-	0.2	1.3	-
VSWR (1925 ~ 1940 MHz)		-	1.3	2.5	-
<b>Attenuation</b> (Reference level from 0 dB)					
1700 ~ 1860 MHz	dB	33	36	-	-
1985 ~ 2100 MHz	dB	35	42	-	-

### C. MEASUREMENT CIRCUIT:



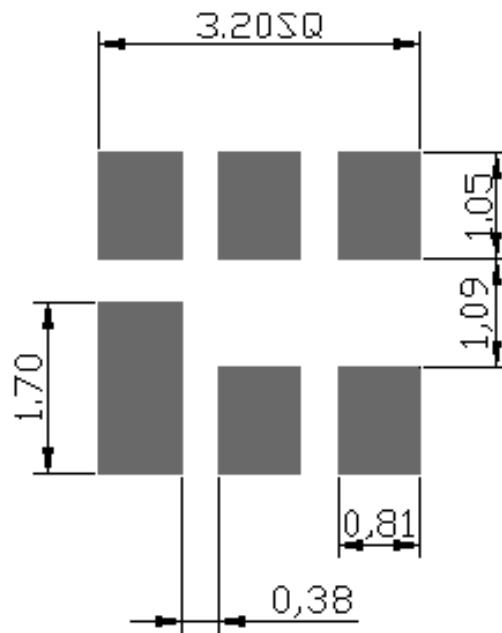
**D.OUTLINE DRAWING:**



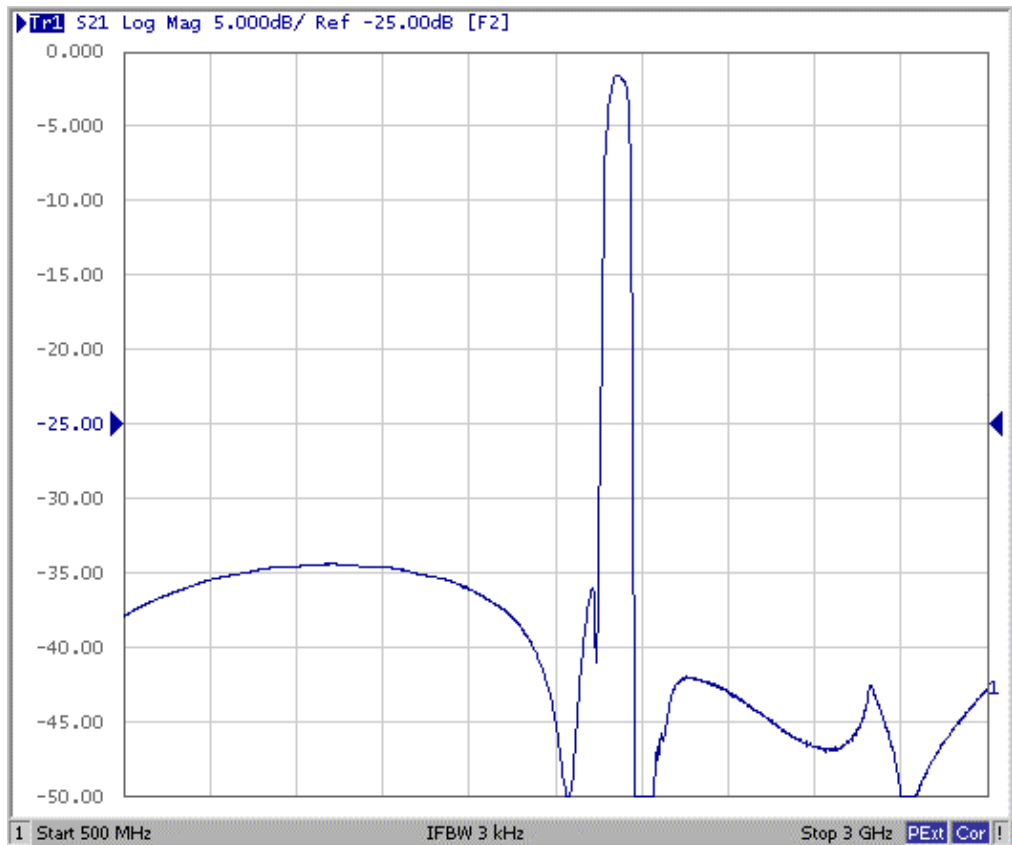
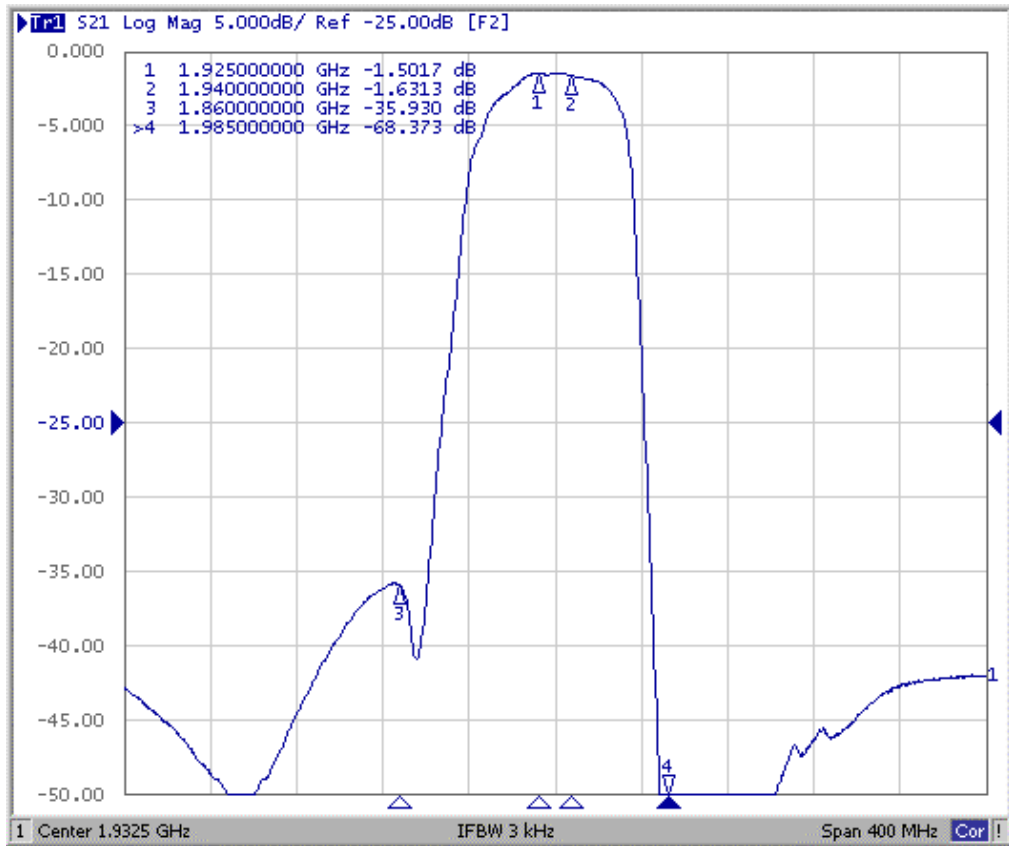
△ : Year Code (2006->6, ..., 2009->9)

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

**E. PCB Footprint:**

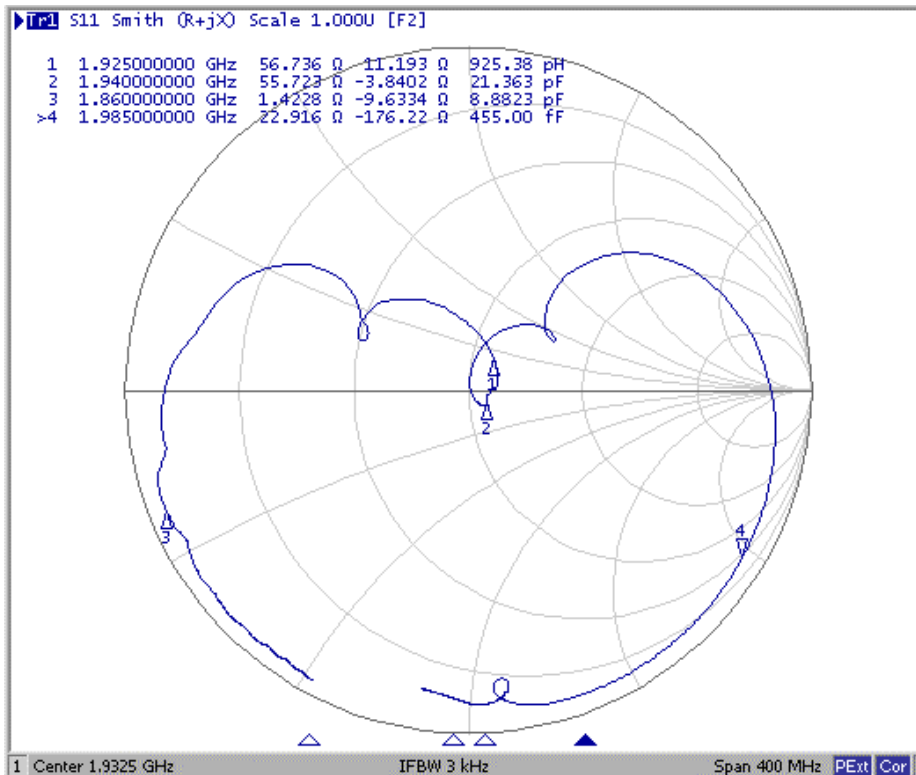
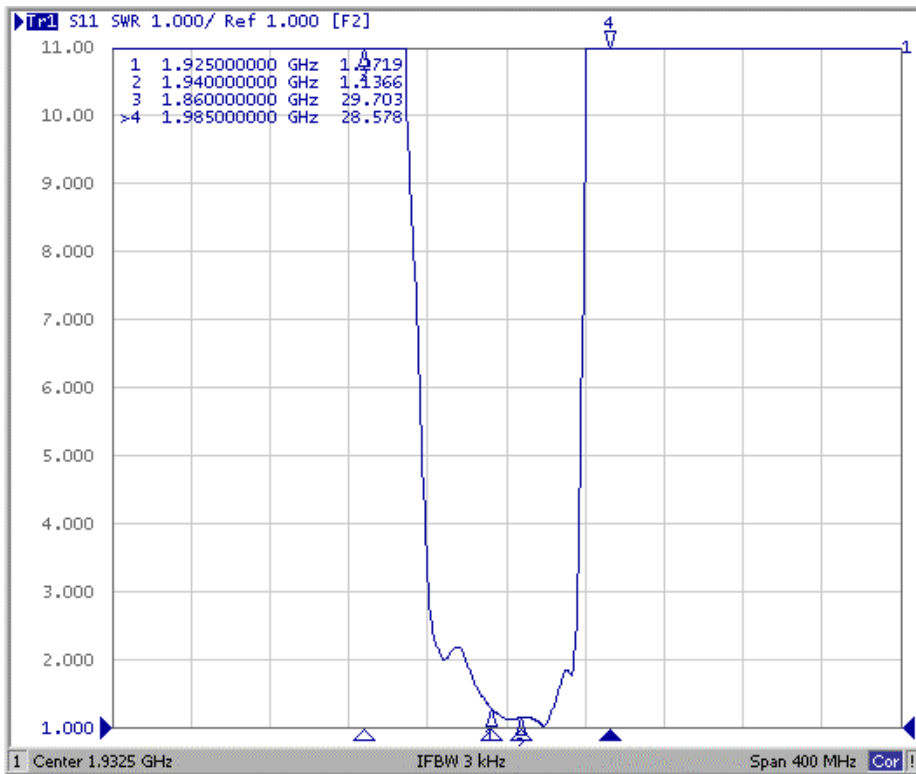


## F. Frequency Characteristics :

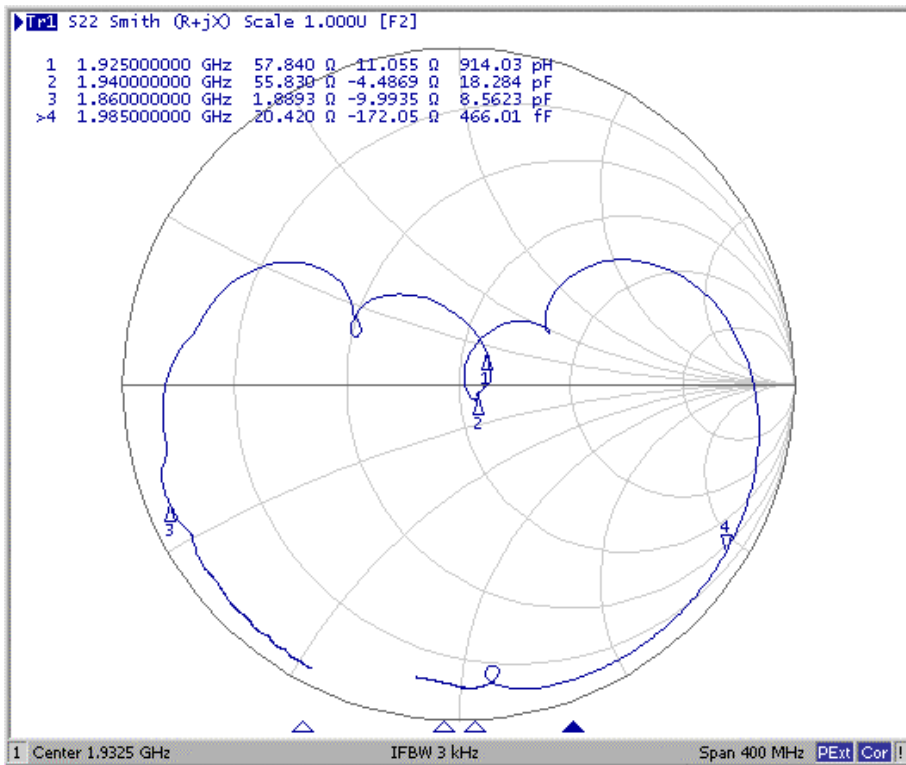
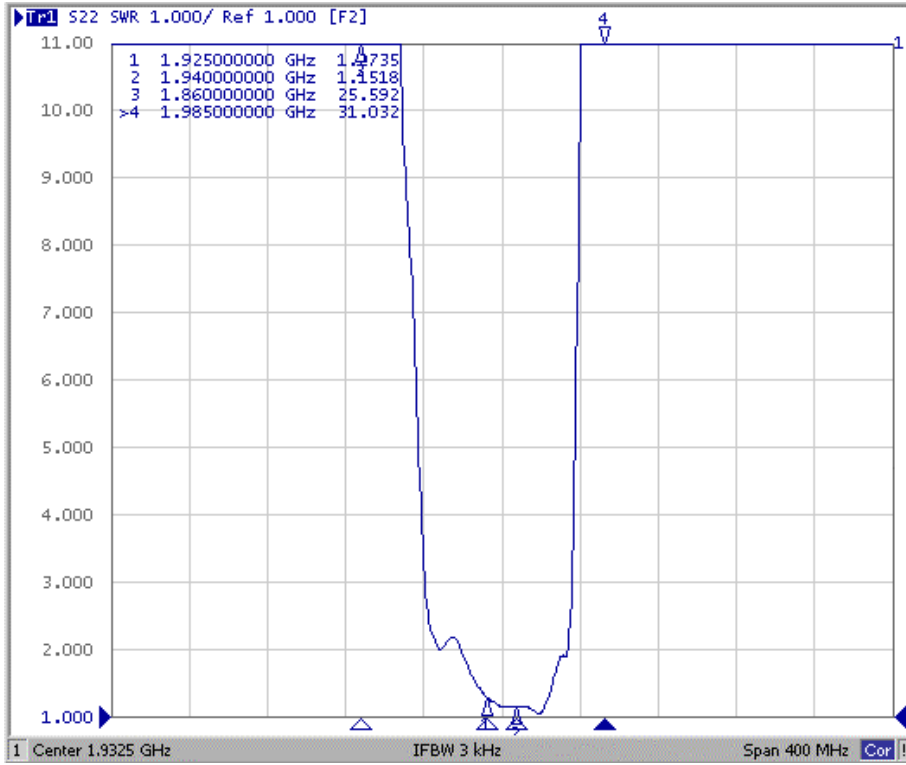


Reflection Functions :

S11



# S22





**H. RECOMMENDED REFLOW PROFILE :**

