



# TAI-SAW TECHNOLOGY CO., LTD.

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## Approval Sheet For Product Specification


Issued Date: Oct, 17, 2008

Product Name: SAW Filter 1942 MHz SMD 3.0X3.0 mm

TST Parts No.: TA0927A

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

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

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

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

Date: \_\_\_\_\_ 10, 17, 2008



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## SAW Filter 1942 MHz

MODEL NO.:TA0927A

REV. NO.:1

### A. MAXIMUM RATING:

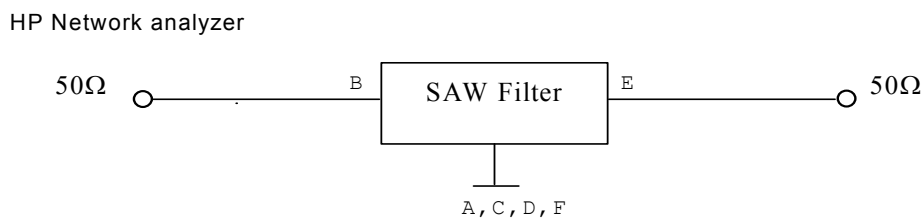
1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -50°C to +70°C
4. Storage Temperature: -50°C to +95°C

RoHS Compliant  
Lead free  
Lead-free soldering

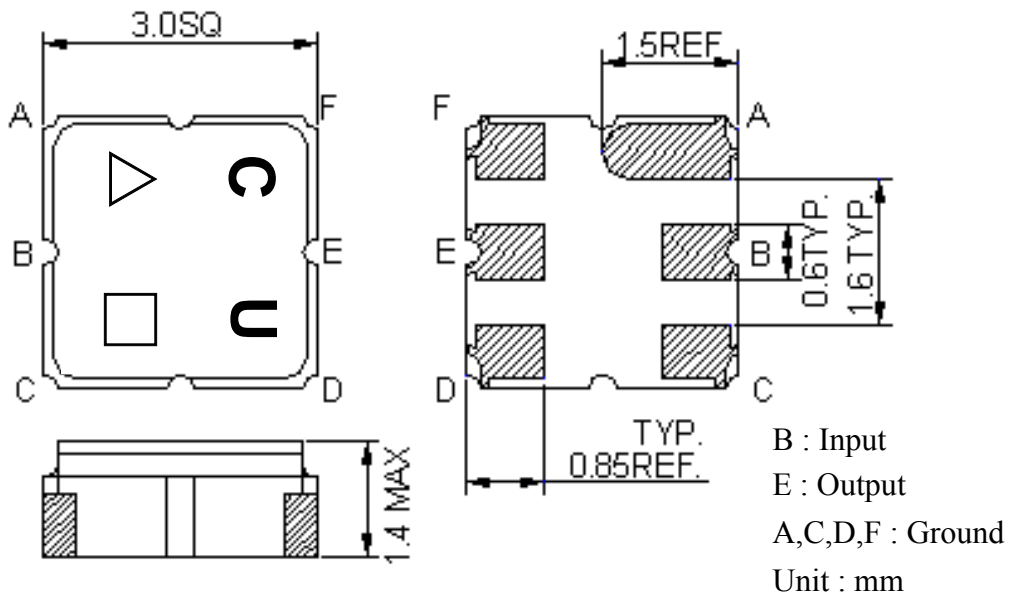
### B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.	Note
Center Frequency <b>Fc</b>	MHz	-	1942	-	-
Min. Insertion loss <b>IL</b>	dB	-	3.3	5	-
Bandwidth @ -3dB	MHz	50	83	-	-
Amplitude Ripple (1917~1967 MHz)	dB	-	0.7	3	-
VSWR (1917~1967 MHz)		-	2	2.5	-
<b>Attenuation</b> (Reference level from 0 dB)					
1300 ~ 1820 MHz	dB	40	44	-	-
2065 ~ 2500 MHz	dB	37	41	-	-

### C. MEASUREMENT CIRCUIT:



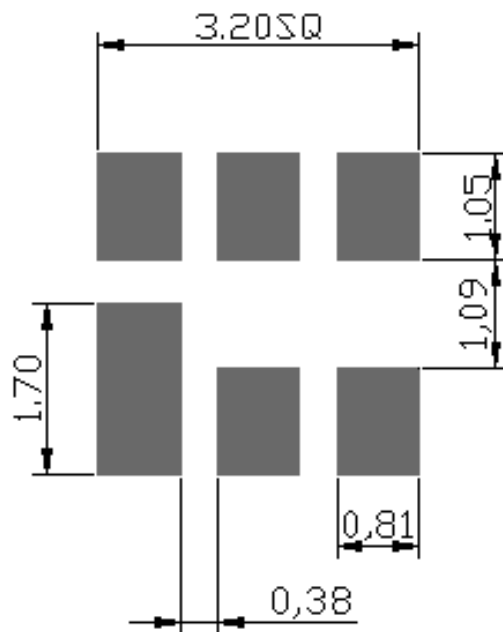
**D.OUTLINE DRAWING:**



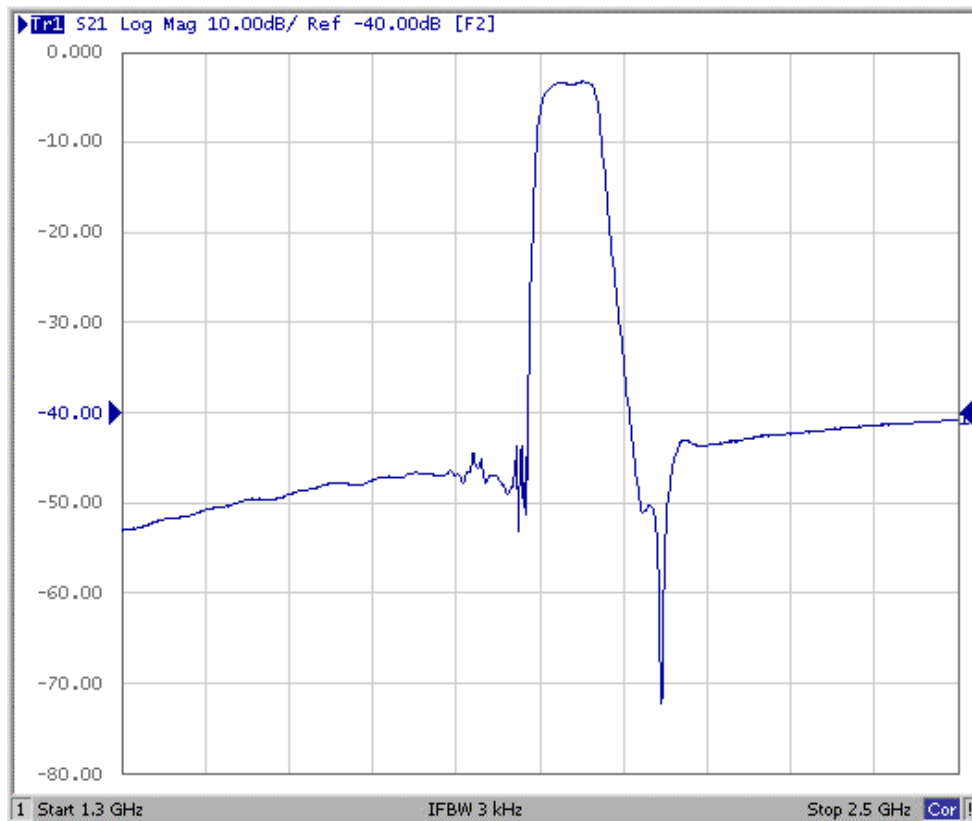
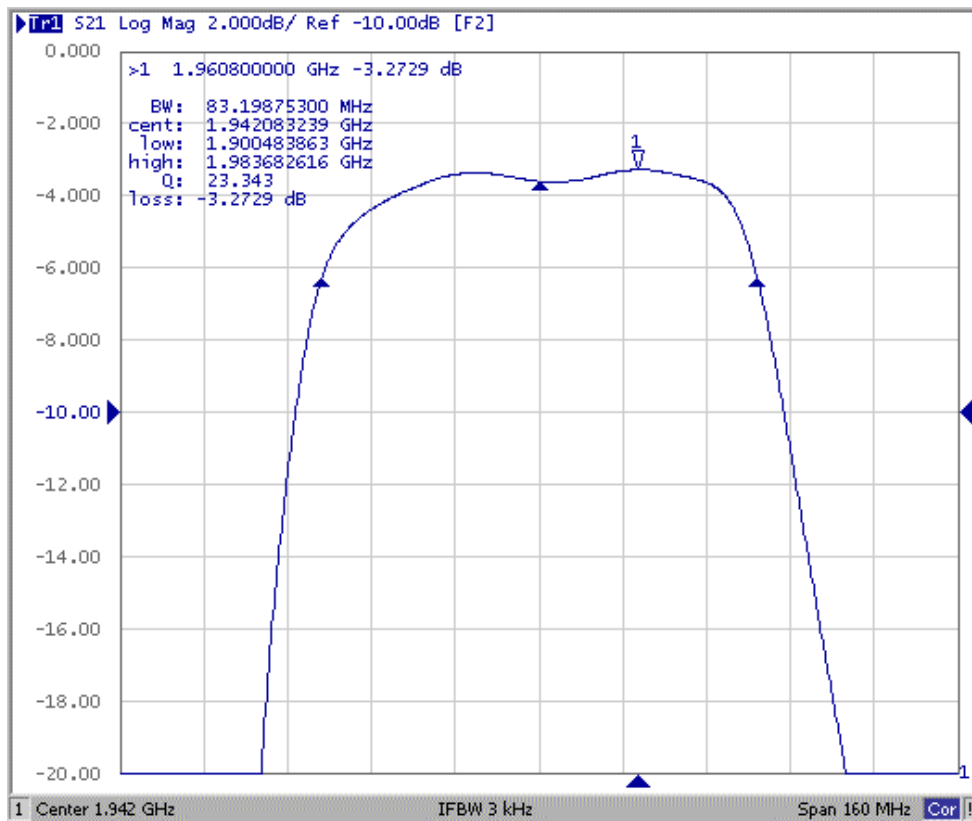
△ : Year Code (2006->6, ..., 2009->9)

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

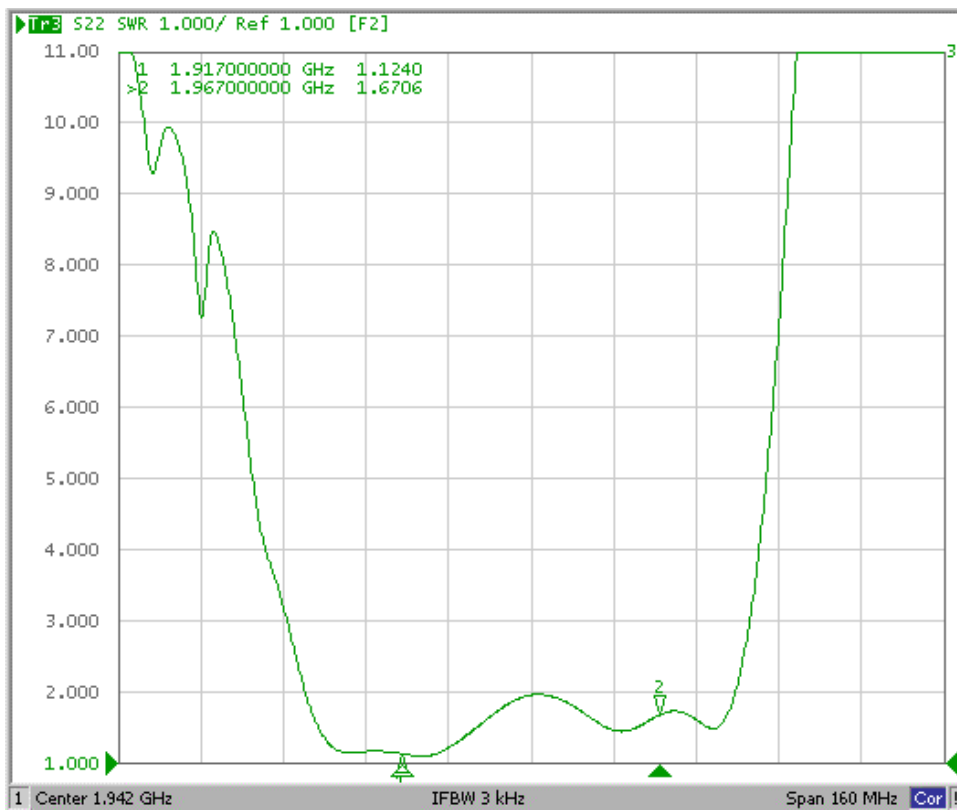
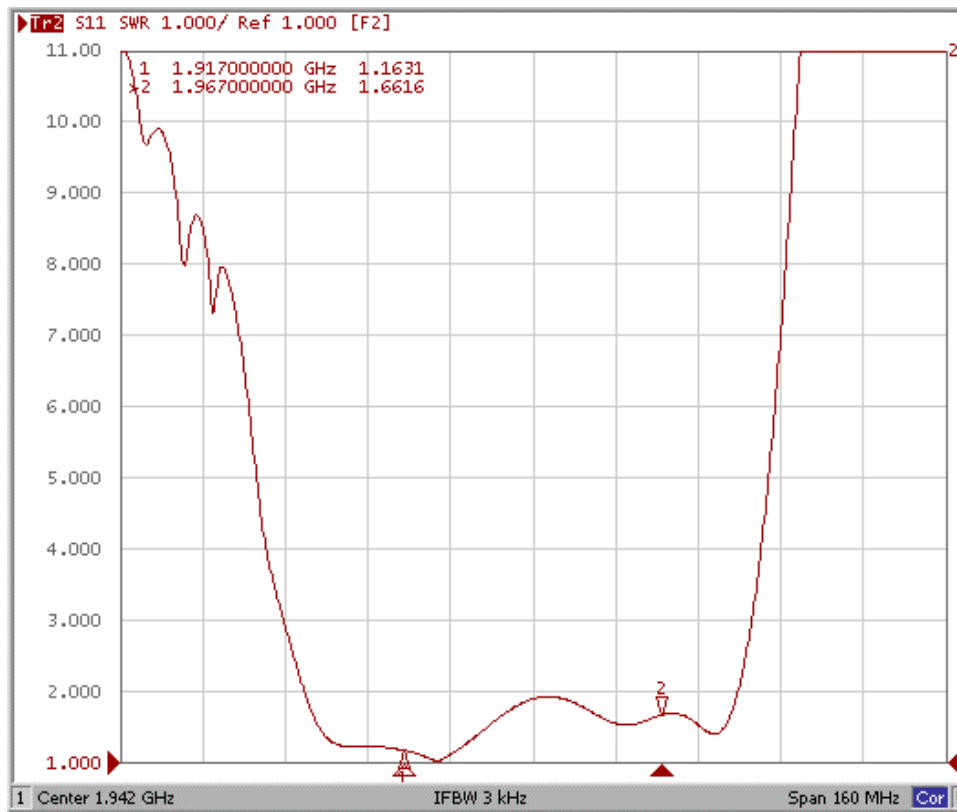
**E. PCB Footprint:**



## F. Frequency Characteristics :



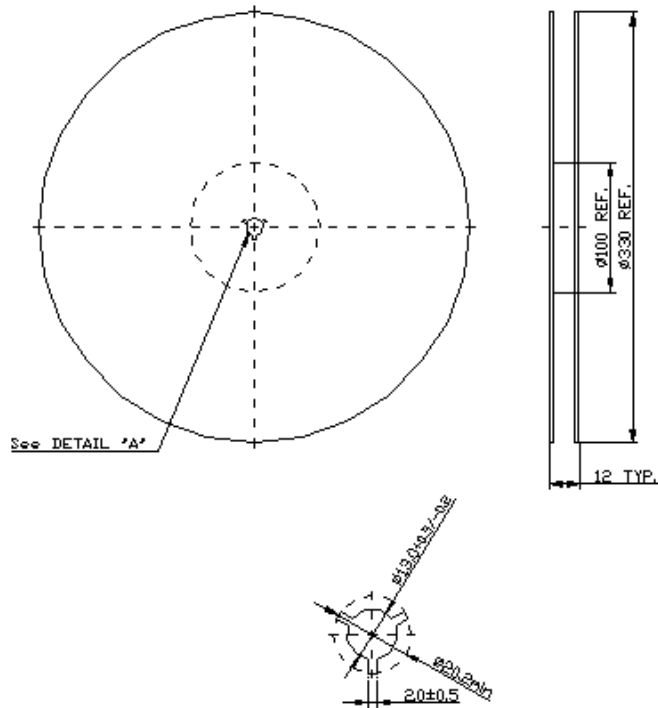
## Reflection Functions :



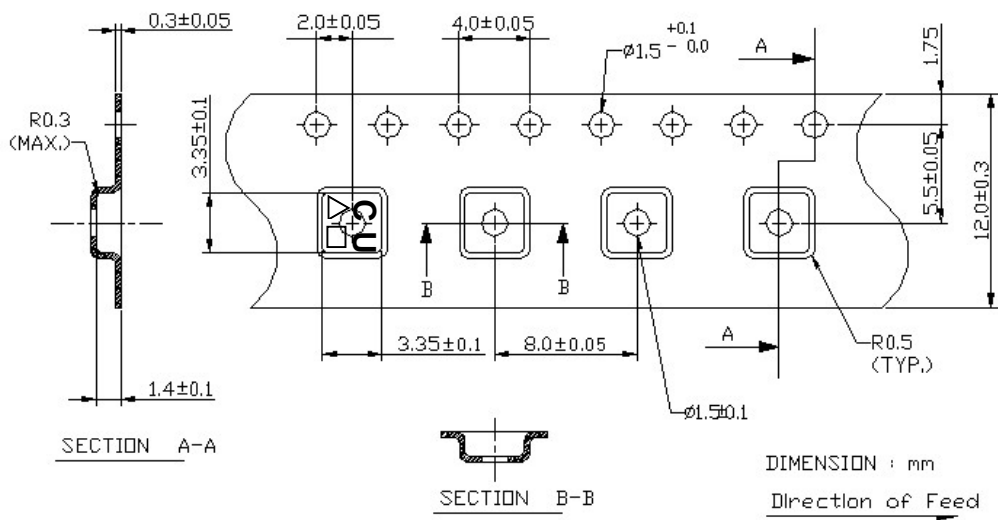
**G. PACKING:**

**1. REEL DIMENSION**

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



**2.TAPE DIMENSION**



## H. RECOMMENDED REFLOW PROFILE :

