



# 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: Oct, 17, 2008

Product Name: SAW Filter 1316 MHz SMD 3.0X3.0 mm

TST Parts No.: TA0933A

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

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

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

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

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



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## SAW Filter 1316 MHz

MODEL NO.:TA0933A

REV. NO.:1

### A. MAXIMUM RATING:

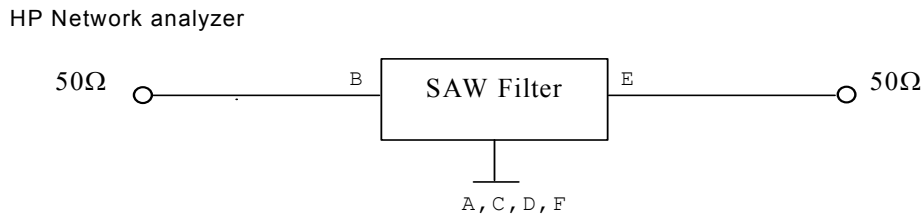
1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -50°C to +70°C
4. Storage Temperature: -50°C to +95°C

RoHS Compliant  
Lead free  
Lead-free soldering

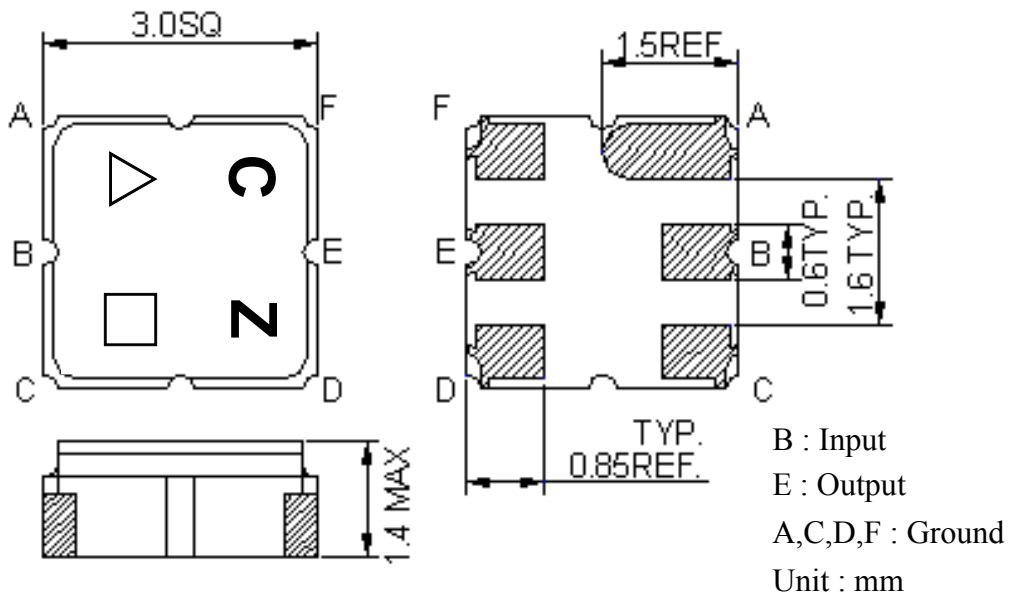
### B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.	Note
Center Frequency <b>Fc</b>	MHz	-	1316	-	-
Min. Insertion loss <b>IL</b>	dB	-	2	5	-
Bandwidth @ -3dB	MHz	50	61.5	-	-
Amplitude Ripple (1291~1341 MHz)	dB	-	1.3	3	-
VSWR (1291~1341 MHz)		-	1.8	2.5	-
<b>Attenuation</b> (Reference level from 0 dB)					
800 ~ 1220 MHz	dB	45	53	-	-
1440 ~ 1800 MHz	dB	40	50	-	-

### C. MEASUREMENT CIRCUIT:



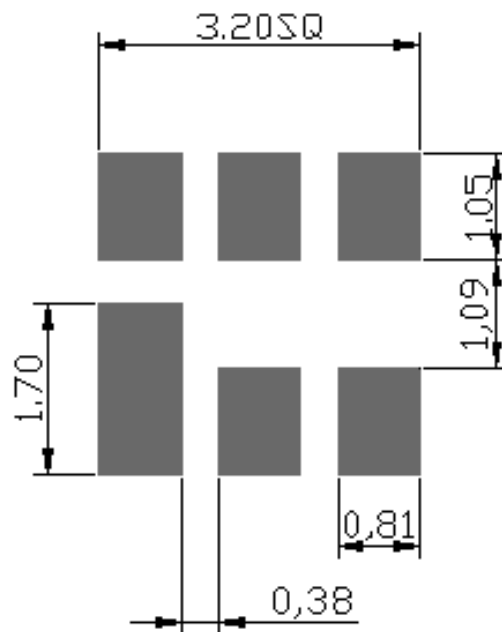
**D.OUTLINE DRAWING:**



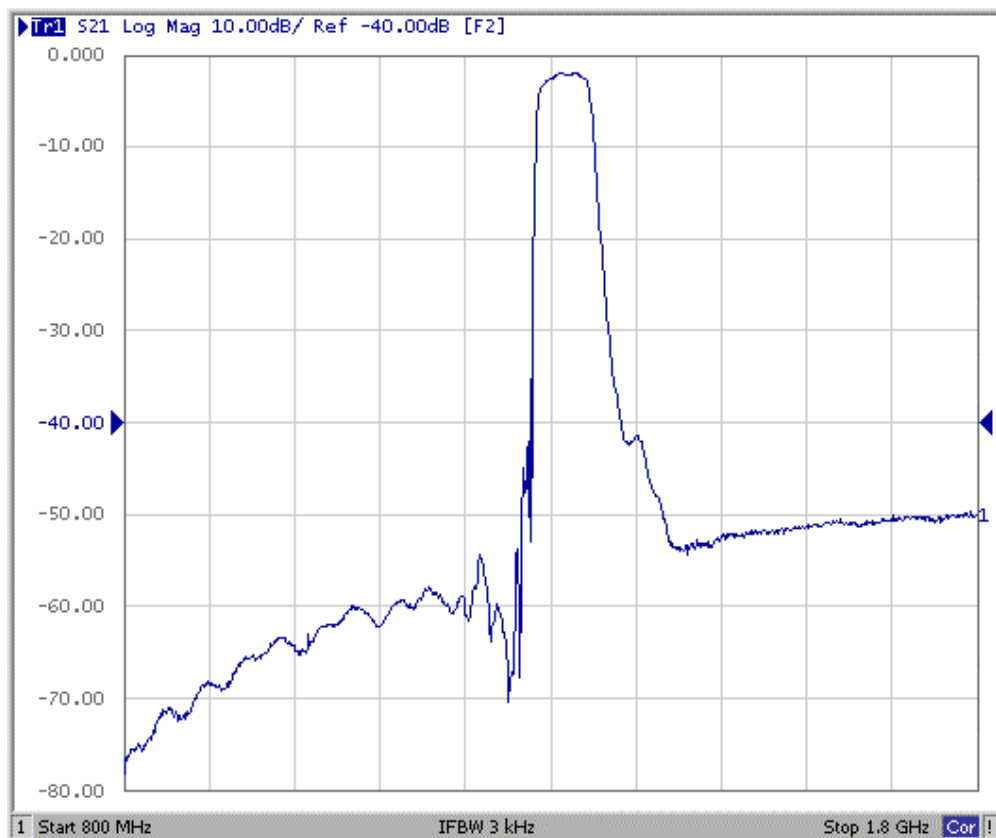
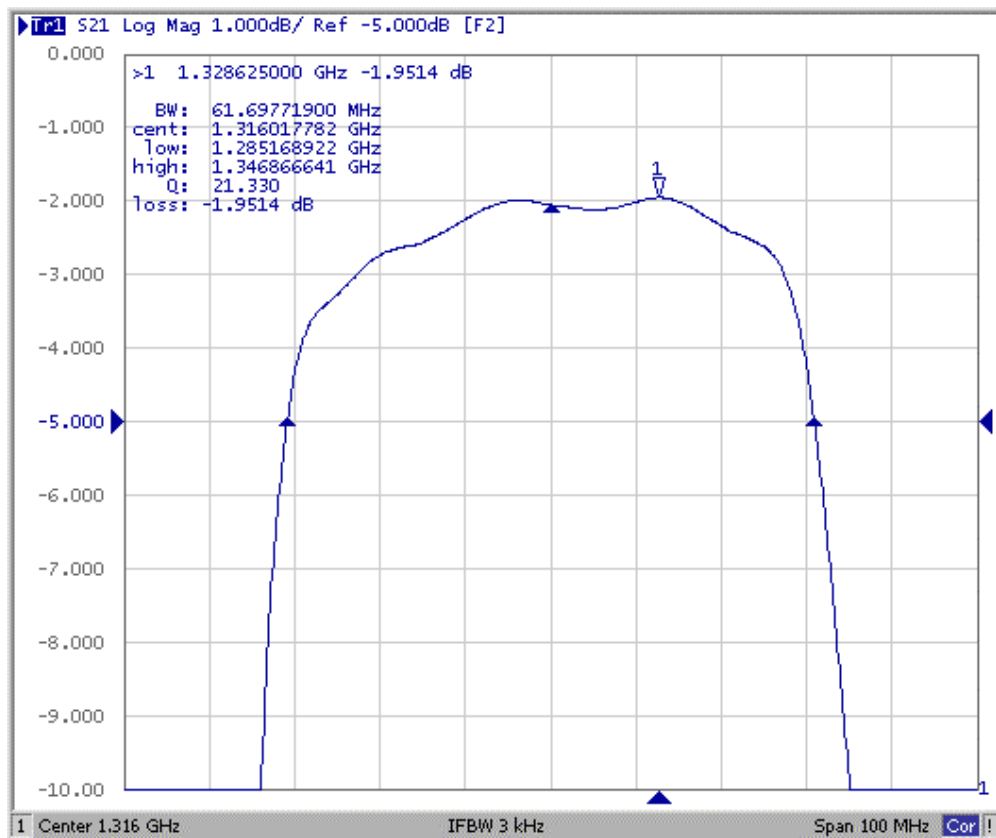
△ : Year Code (2006->6, ..., 2009->9)

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

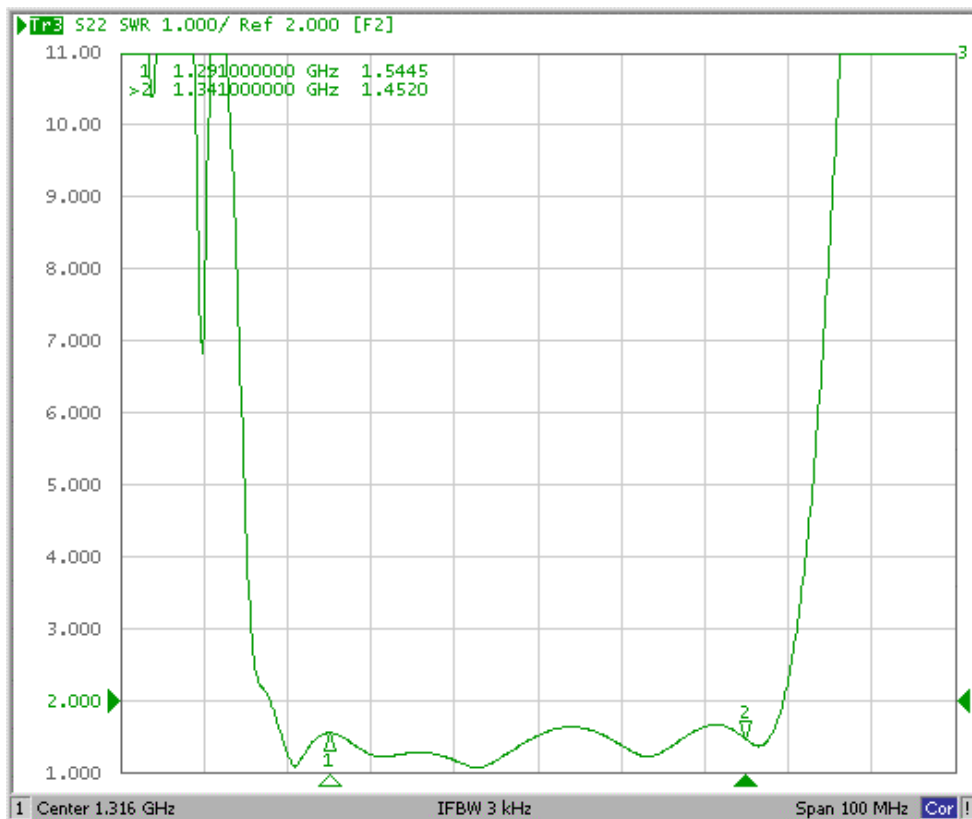
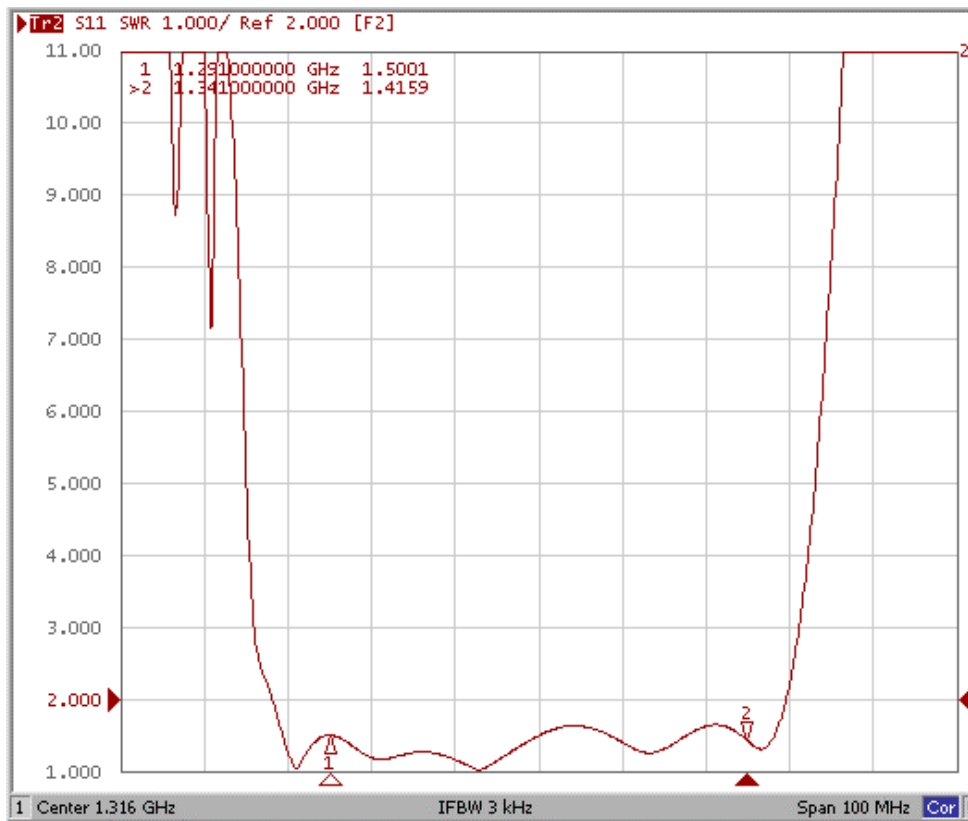
**E. PCB Footprint:**



## F. Frequency Characteristics :



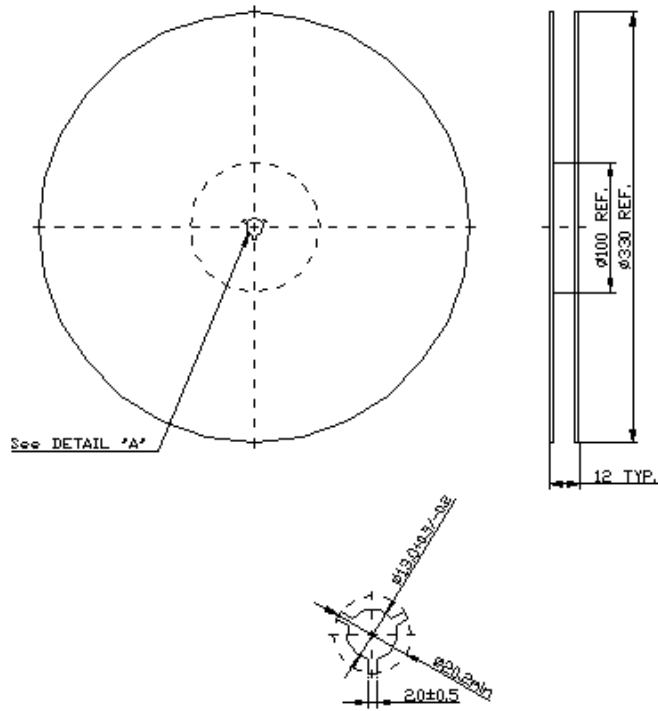
## Reflection Functions :



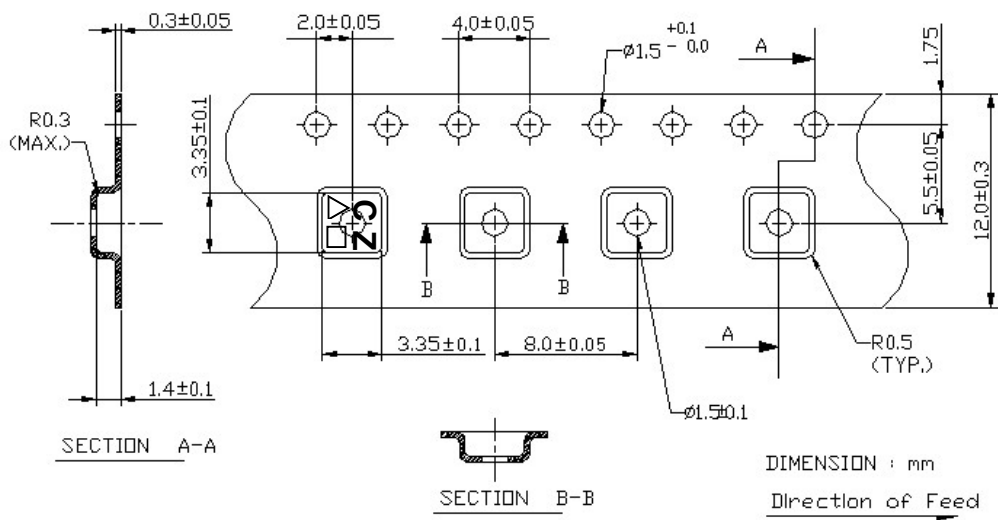
**G. PACKING:**

**1. REEL DIMENSION**

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



**2.TAPE DIMENSION**



## H. RECOMMENDED REFLOW PROFILE :

