



# 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: Feb, 22, 2008

Product Name: SAW Filter 915 MHz SMD 3.0X3.0 mm

TST Parts No.: TA0829A

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

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

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

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

Date: \_\_\_\_\_ 2, 22, 2008



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## SAW Filter 915MHz

MODEL NO.:TA0829A

REV. NO.:1

### A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -40°C to +60°C
4. Storage Temperature: -40°C to +85°C

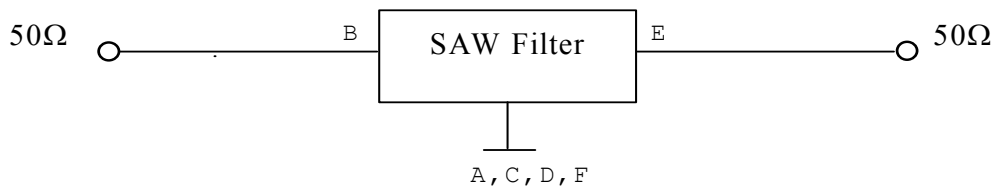
RoHS Compliant  
Lead free  
Lead-free soldering

### B. ELECTRICAL CHARACTERISTICS:

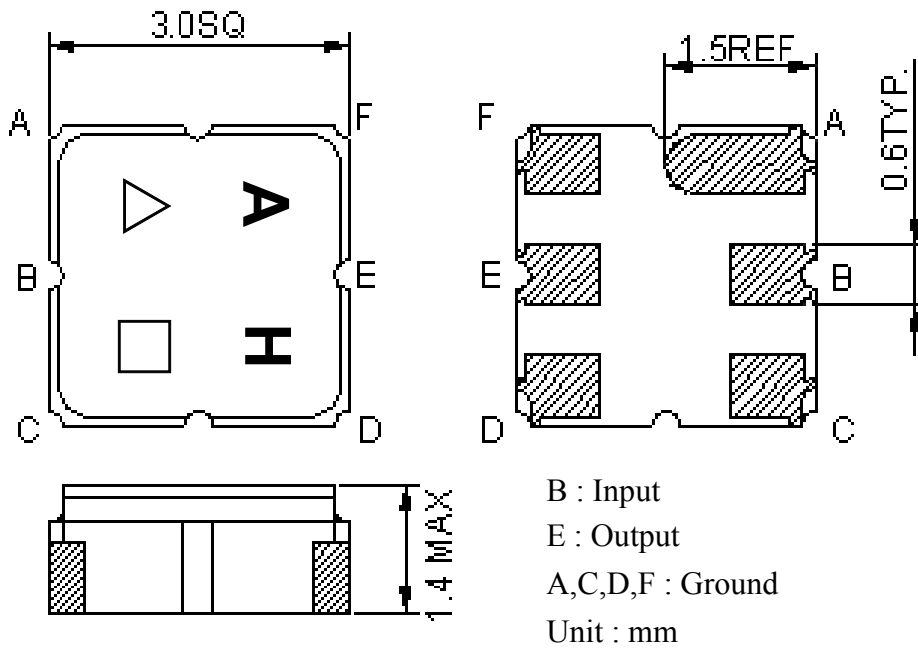
Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	915	-	-
Insertion Loss ( 910 ~ 920 MHz ) IL	dB	-	3	4	-
Amplitude Ripple ( 910 ~ 920 MHz )	dB	-	0.8	2	-
<b>Attenuation</b> (Reference level from 0 dB)					
D.C ~ 880 MHz	dB	45	50	-	-
880 ~ 890 MHz	dB	40	52	-	-
940 ~ 950 MHz	dB	35	40	-	-
950 ~ 1200 MHz	dB	43	48	-	-
1200 ~ 1600 MHz	dB	40	48	-	-
1600 ~ 2200 MHz	dB	30	43	-	-
2200 ~ 2500 MHz	dB	25	35	-	-
2500 ~ 3000 MHz	dB	20	27	-	-

### C. MEASUREMENT CIRCUIT:

HP Network analyzer



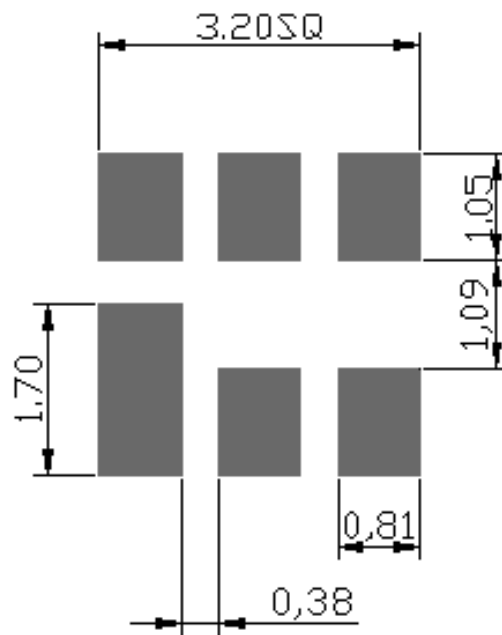
**D.OUTLINE DRAWING:**



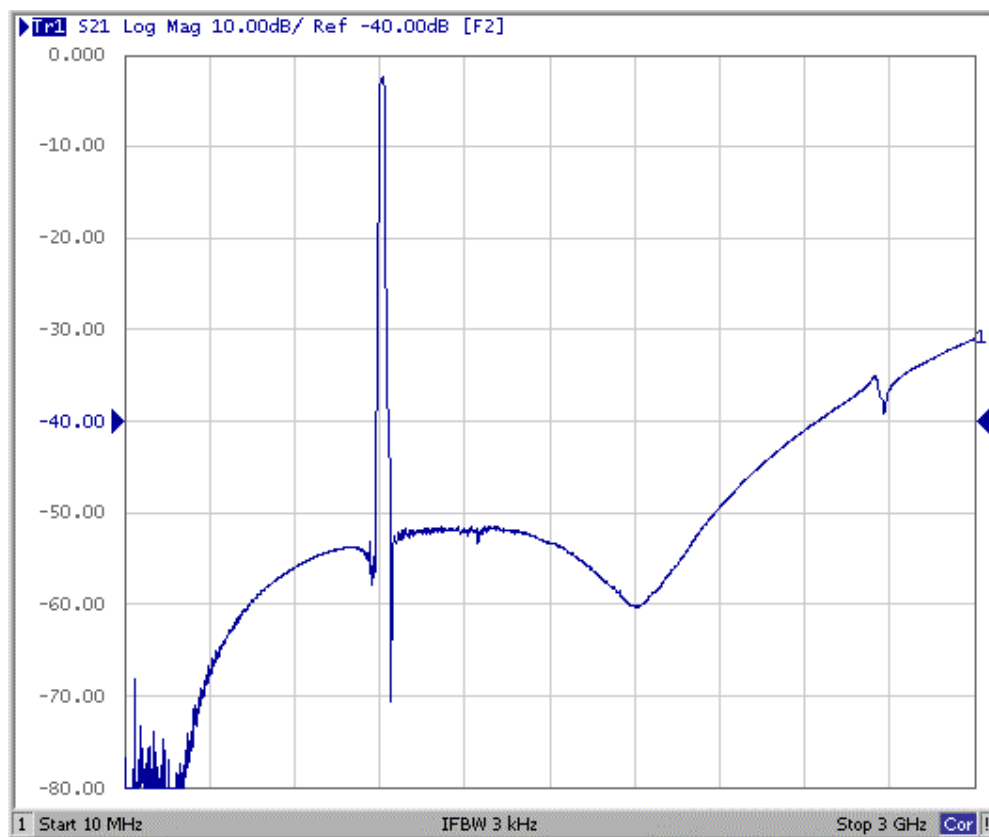
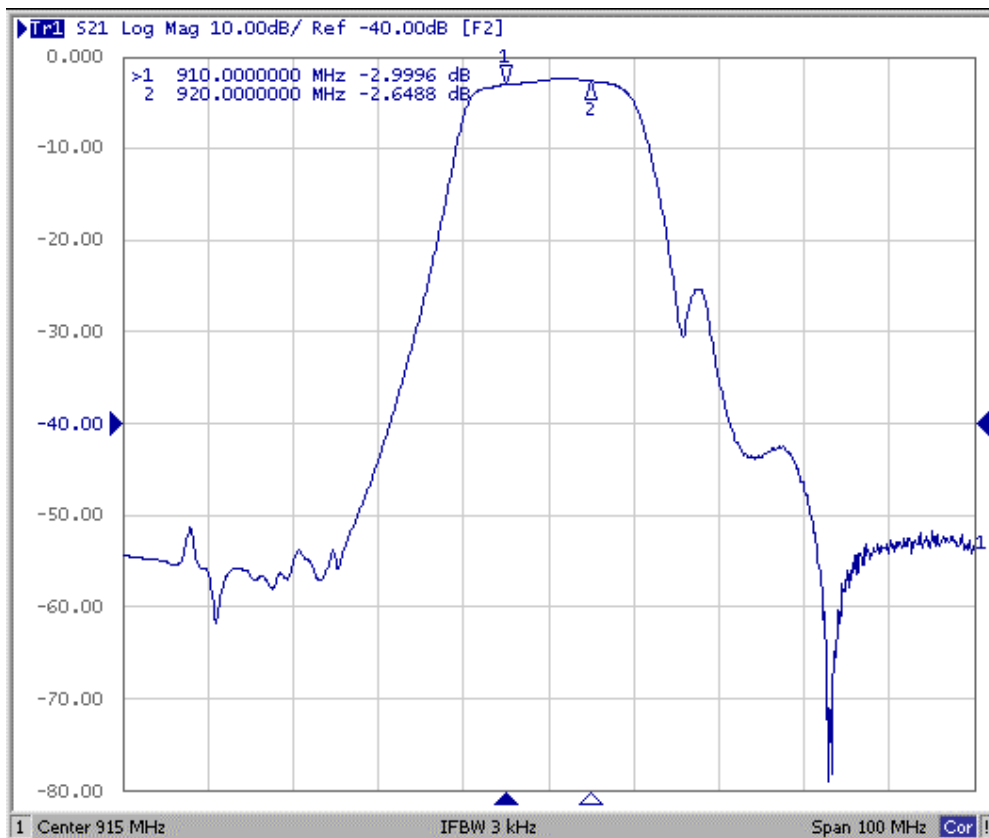
△ : Year Code (2006->6, ..., 2009->9)

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

**E. PCB Footprint:**

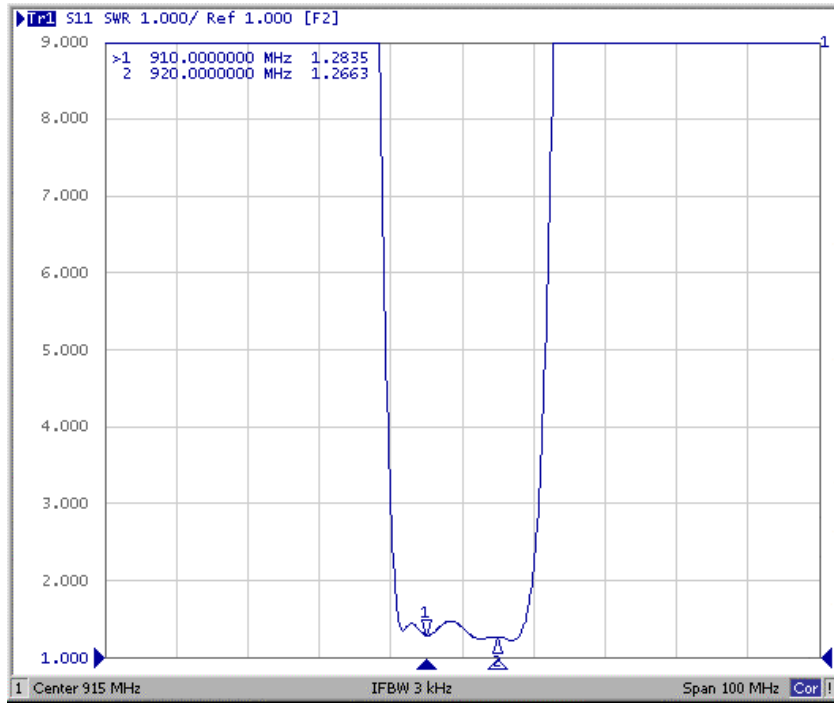


## F. Frequency Characteristics :

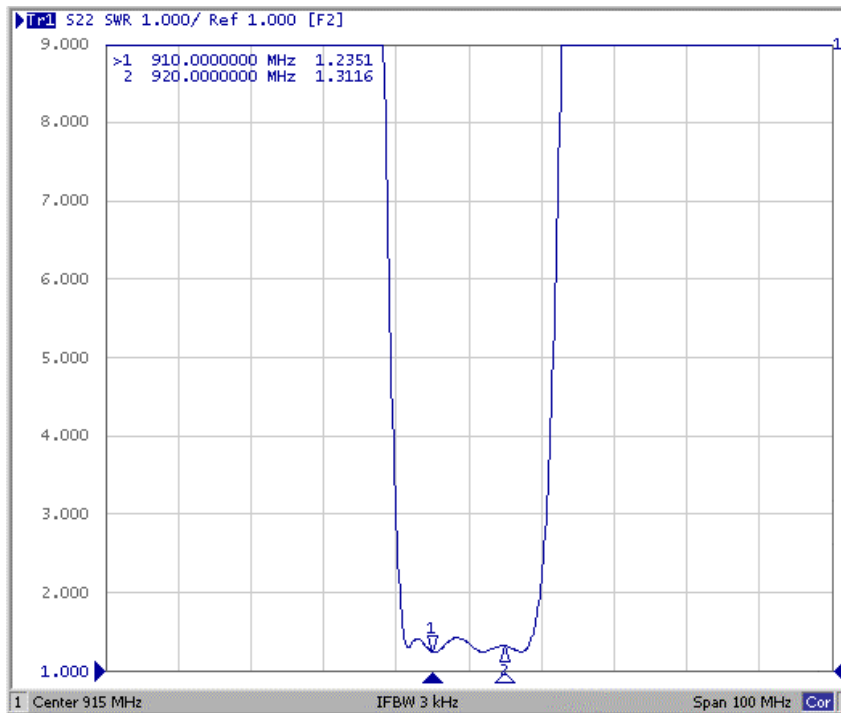


# Reflection Functions :

## S11



## S22





**H. RECOMMENDED REFLOW PROFILE :**

