



# TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,  
Taoyuan, 324, Taiwan, R.O.C.

TEL: 886-3-4690038 FAX: 886-3-4697532

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## Product Specifications Approval Sheet

Product Description: SAW Filter 787 MHz SMD 3.0x3.0 mm

TST Part No.: TA1091A

Customer Part No.: \_\_\_\_\_

Customer signature required
Company: _____
Division: _____
Approved by : _____
Date: _____

Checked by: David Chang 張閔智

Approved by: Francis Chen [Signature]

Date: 2009/08/31

1. Customer signed back is required before TST can proceed with sample build and receive orders.
2. Orders received without customer signed back will be regarded as agreement on the specifications.
3. Any specifications changes must be approved upon by both parties and a new revision of specifications shall be released to reflect the changes.



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## SAW Filter 787 MHz

MODEL NO.: TA1091A

REV. NO.:1

### A. MAXIMUM RATING:

1. Input Power Level: 20 dBm
2. DC Voltage : 0 V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

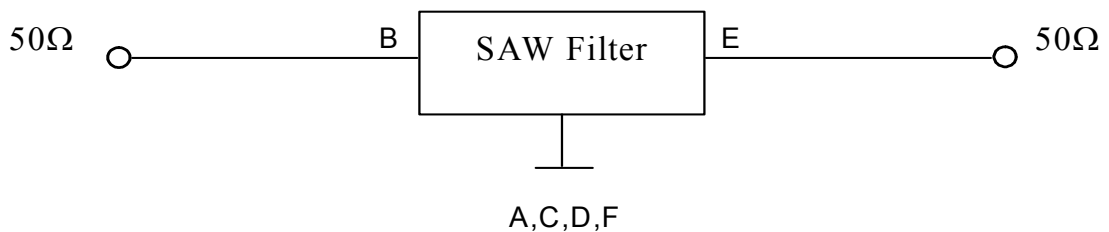
RoHS Compliant  
Lead free  
Lead-free soldering

### B. ELECTRICAL CHARACTERISTICS:

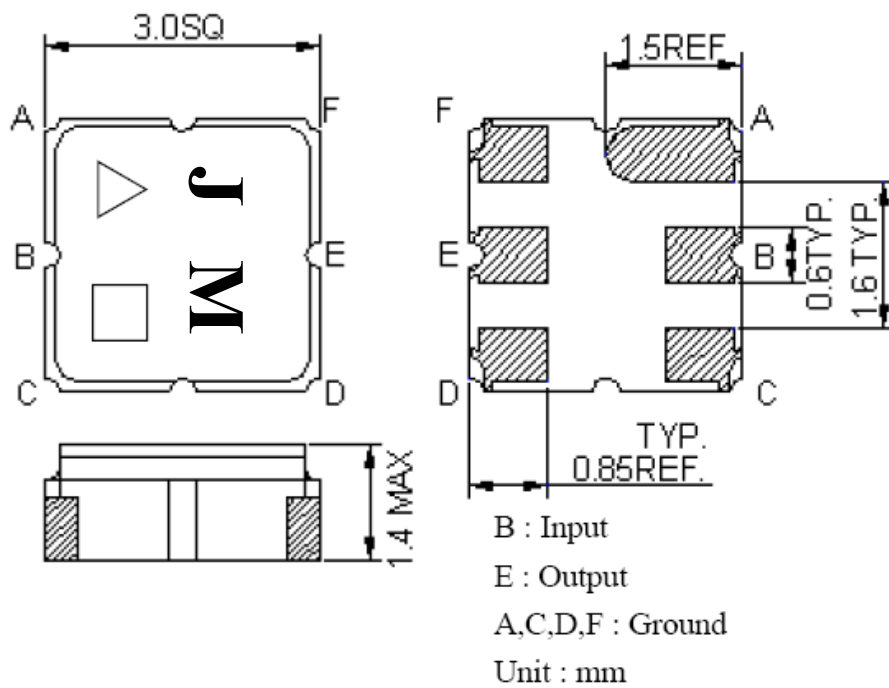
Item	Unit	Min.	Typ.	Max.
<b>Center frequency</b> <b>Fc</b>	MHz	-	787	-
<b>Insertion Loss</b> (776~798 MHz) <b>IL</b>	dB	-	2.4	3.0
<b>Amplitude Ripple</b> (776~798 MHz)	dB	-	0.6	1.5
<b>Return Loss</b> (776~798 MHz)	dB	7	10	-
<b>Attenuation</b> (Reference level from 0 dB)				
10 ~ 746 MHz	dB	30	54	-
746 ~ 756 MHz	dB	30	52	-
1056 ~ 1078 MHz	dB	40	62	-
1078 ~ 2700 MHz	dB	25	31	-

### C. MEASUREMENT CIRCUIT:

HP Network analyzer



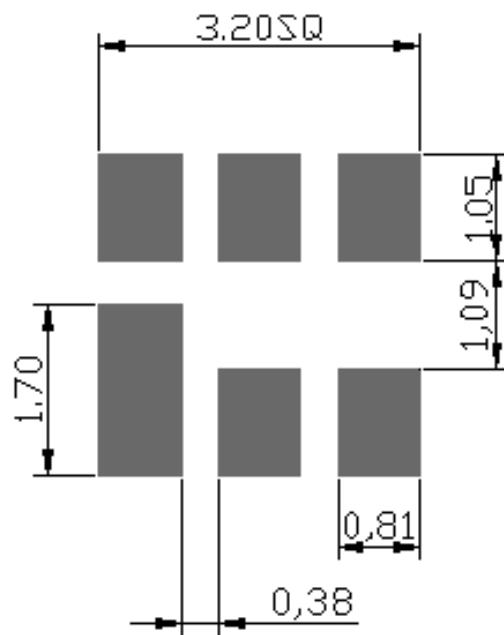
**D.OUTLINE DRAWING:**



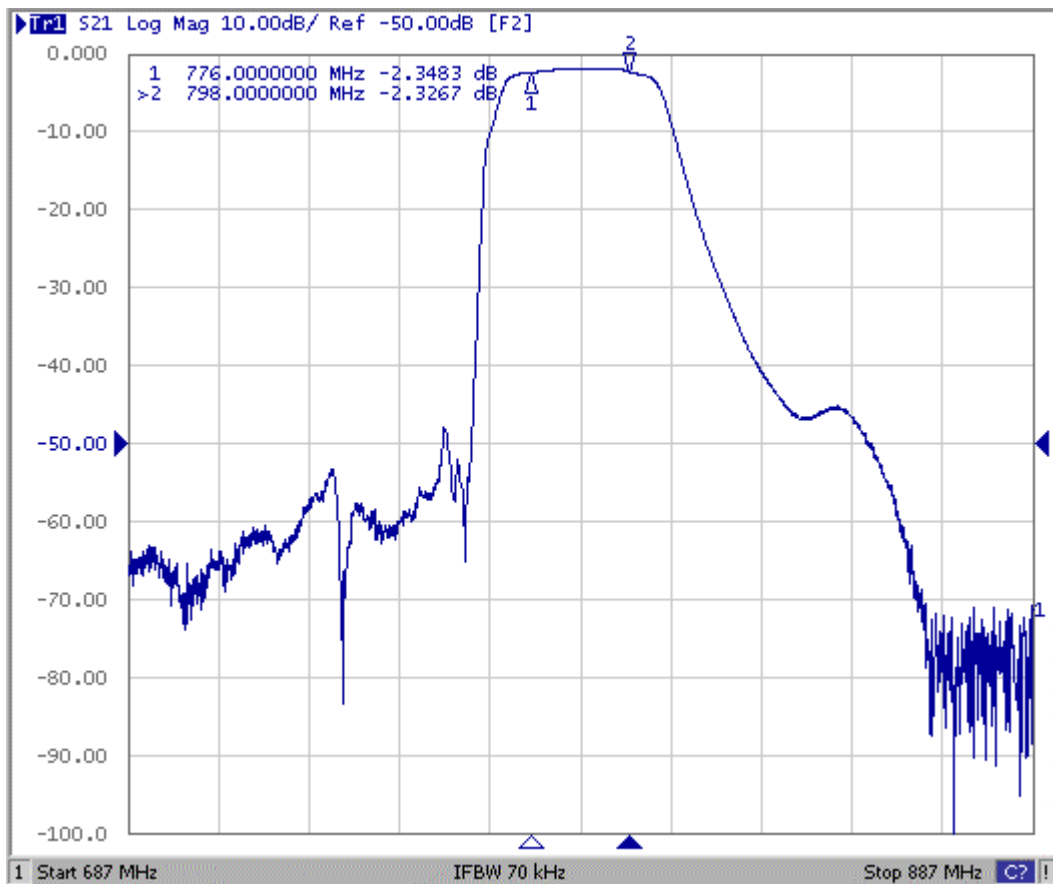
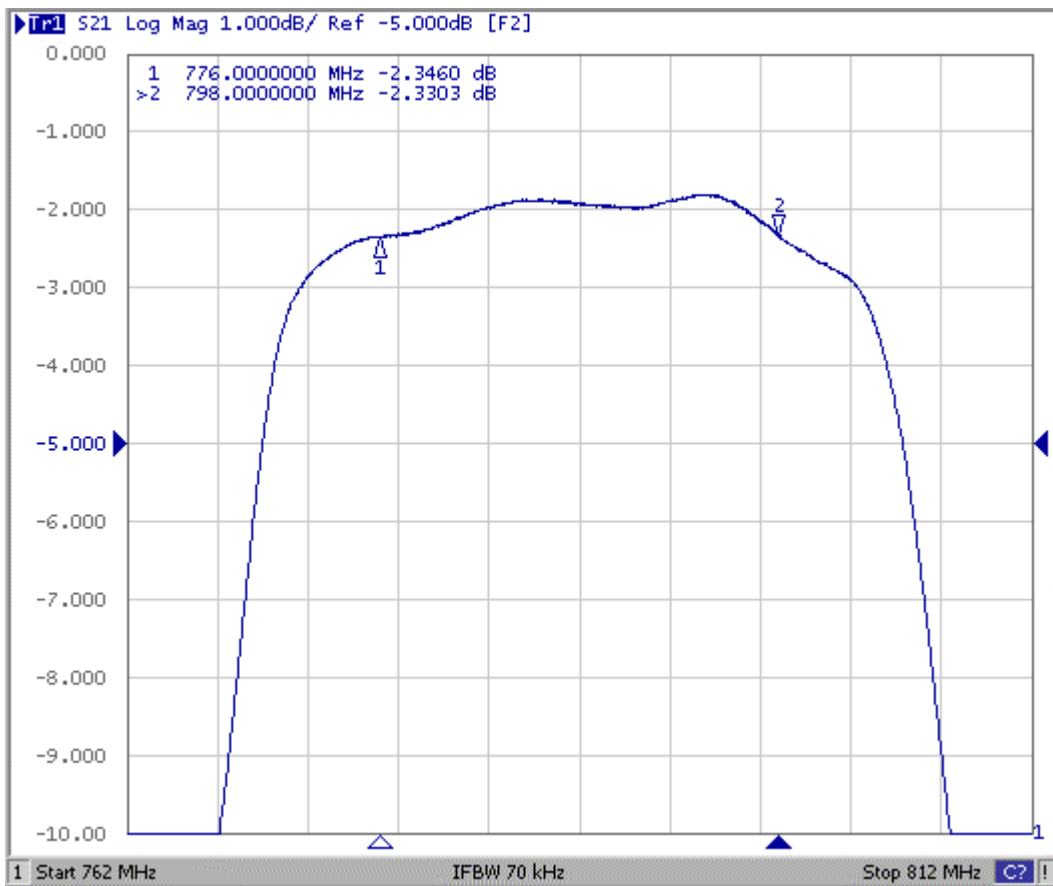
△ : Year Code (2006->6, ..., 2009->9)

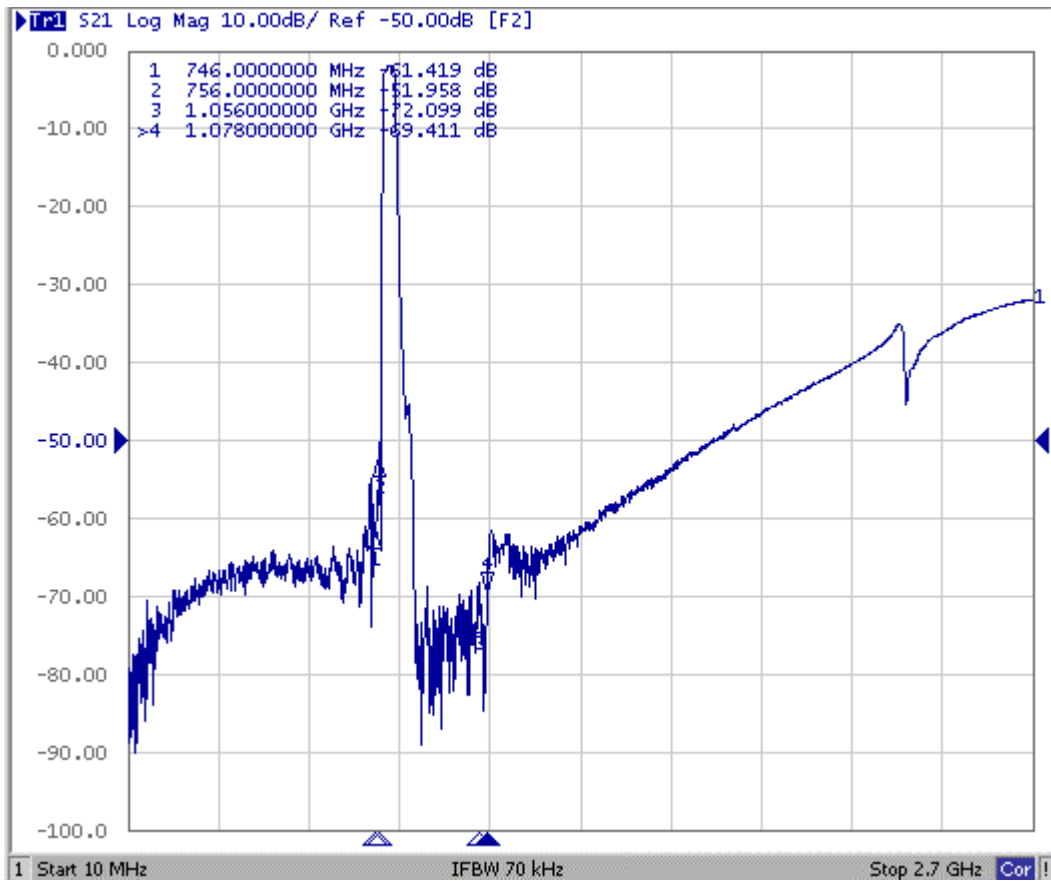
□ : Date Code (W01->A,W02->B,...W27->a,...,W52->z)

**E. PCB Footprint:**



## F. Frequency Characteristics :





## G. PACKING:

### 1. REEL DIMENSION

