



# 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

E-mail: [tstsales@mail.taisaw.com](mailto:tstsales@mail.taisaw.com) Web: [www.taisaw.com](http://www.taisaw.com)

## Product Specifications Approval Sheet

Product Description: SAW Filter 1199 MHz SMD 3.0x3.0 mm

TST Part No.: TA1104A

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

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

Checked by: \_\_\_\_\_ David Chang 張國智

Approved by: \_\_\_\_\_ Francis Chen 

Date: \_\_\_\_\_ 2010/09/27

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 1199 MHz

MODEL NO.: TA1104A

REV. NO.:1

### A. MAXIMUM RATING:

1. Input Power Level: 10 dB<sub>m</sub>
2. DC voltage: 3 V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

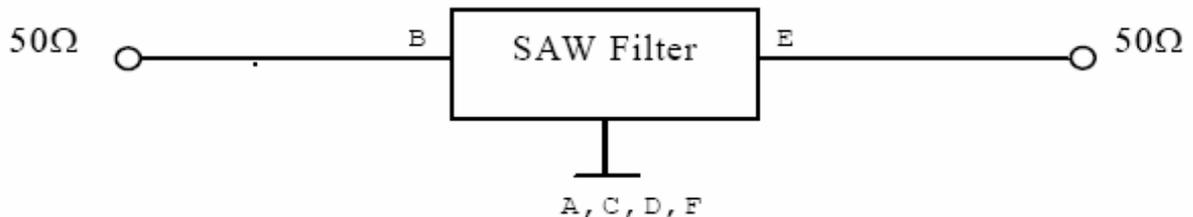
RoHS Compliant  
Lead free  
Lead-free soldering

### B. CHARACTERISTICS:

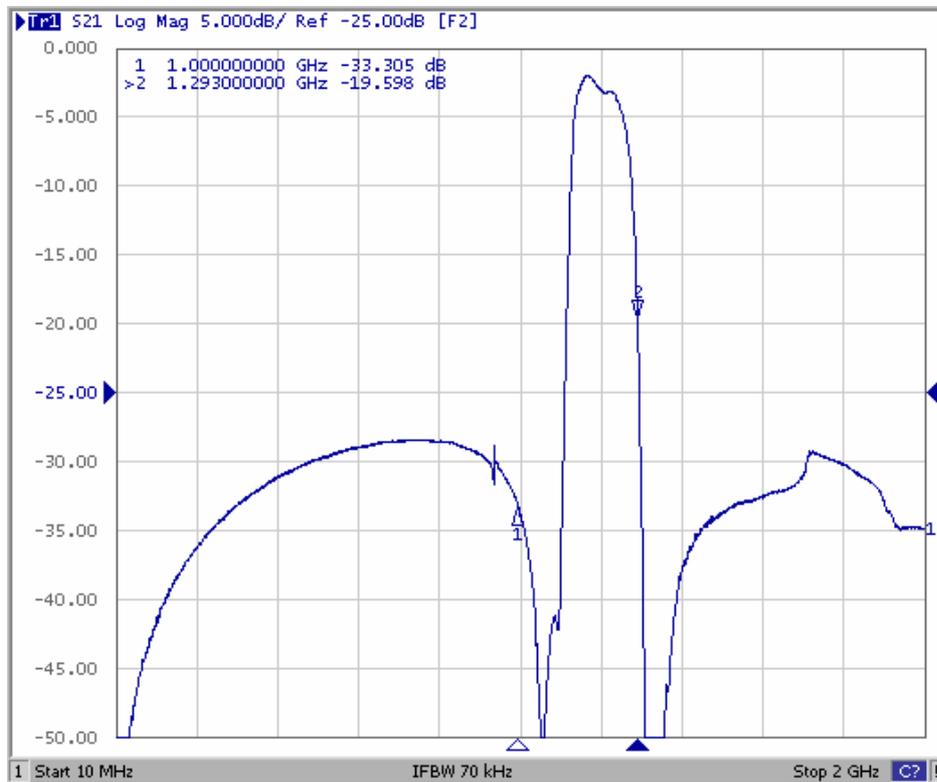
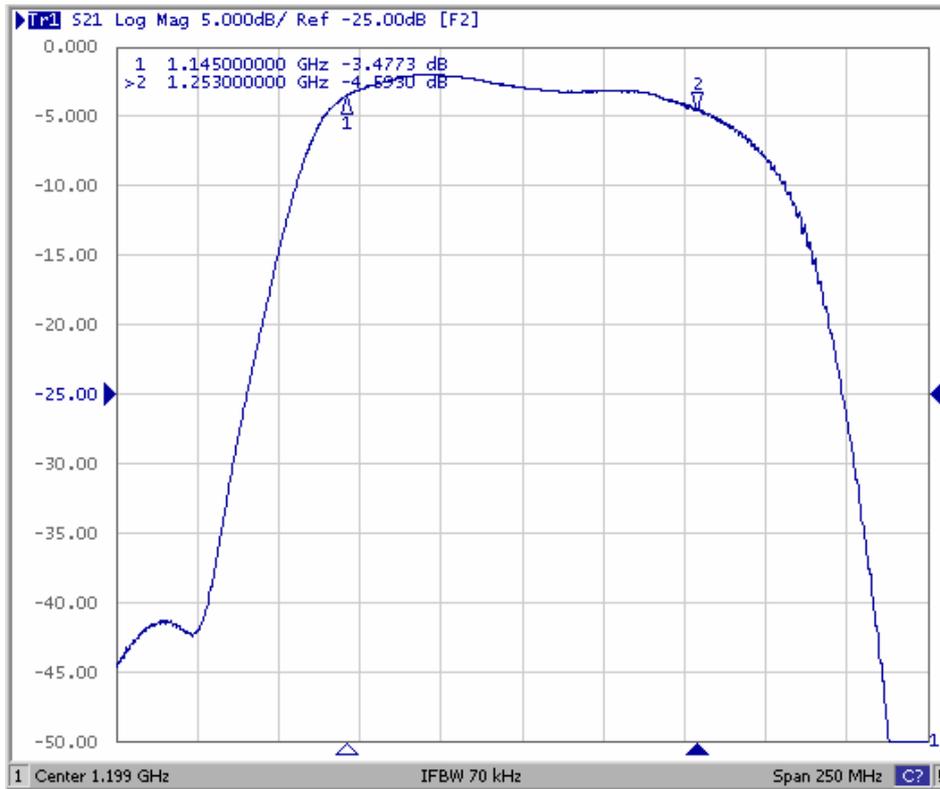
Item		Unit	Min.	Typ.	Max.
Center frequency	Fc	MHz	-	1199	-
Insertion loss 1145~1253 MHz	IL	dB	-	4.6	5.5
Pass Band Ripple 1145~1253 MHz		dB	-	2.7	3.5
Group Delay Variation 1145~1253 MHz		ns	-	15	30
Return loss 1145~1253 MHz		dB	6	7.5	-
Attenuation (Reference level from 0dB)					
300 ~ 1000	MHz	dB	18	25	-
1293 ~ 2000	MHz	dB	9	16	-
Source impedance	Zs	Ω	-	50	-
Load impedance	ZL	Ω	-	50	-

### C. MEASUREMENT CIRCUIT:

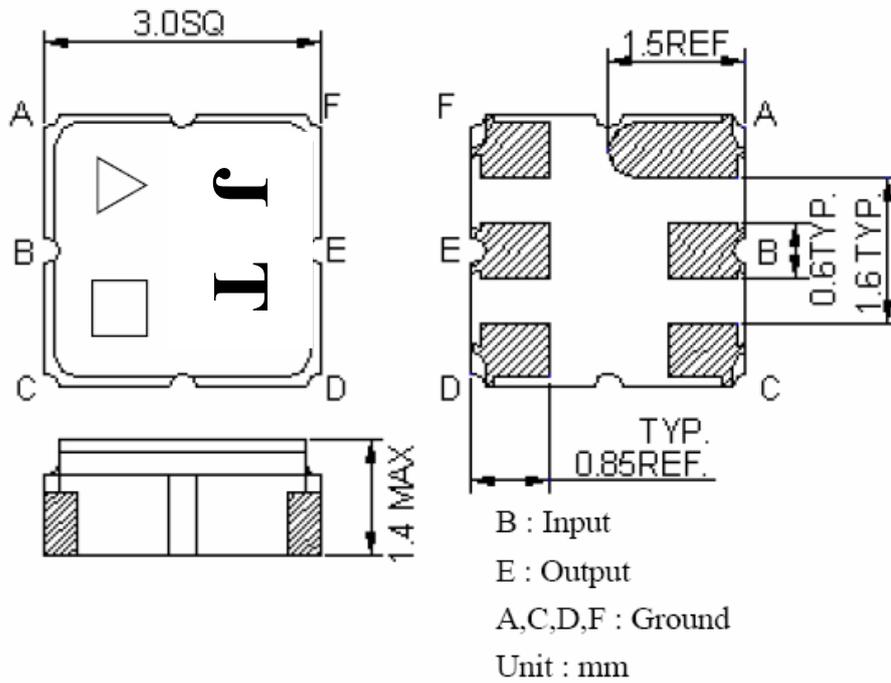
HP Network analyzer



### D. TRANSFER FUNCTION :



**E.OUTLINE DRAWING:**



- △ : Year Code (2006->6, ..., 2009->9)
- : Date Code (W01->A,W02->B,...W27->a,...,W52->z)

**F.PCB FOOTPRINT:**

