TST

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   Web: www.taisaw.com

Product Specifications Approval Sheet

Product Description: SAW Filter 291.4 MHz SMD 5.0x5.0 mm (BW=7 MHz)

TST Part No.: TA1467A

Customer Part No.:_____

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

Checked by:_____ David Chang 張閔智

Approved by:_____ Francis Chen

Date:_____ 2012/01/30

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 291.4 MHz

MODEL NO.: TA1467A   REV. NO.:1

A. MAXIMUM RATING:

1.Input Power Level: 5 dB$_m$

2.DC voltage: 3 V

3.Operating Temperature: -10°C to +50°C

4.Storage Temperature: -40°C to +85°C
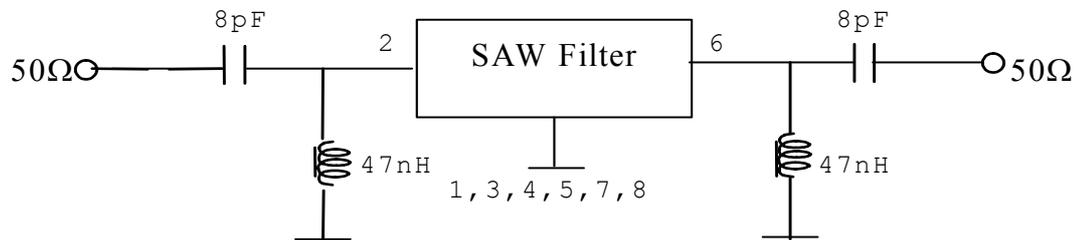
RoHS Compliant
Lead free
Lead-free soldering

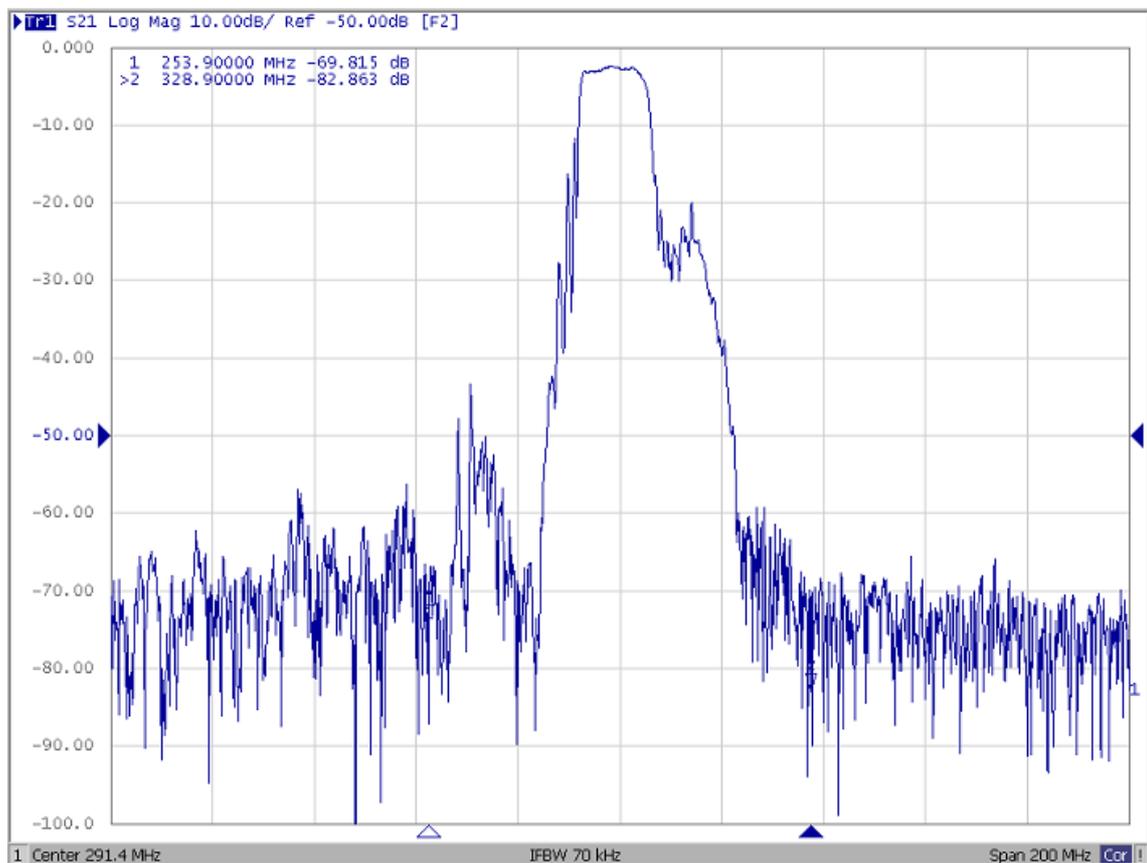Electrostatic Sensitive Device (ESD)

B. ELECTRICAL CHARACTERISTICS:

Item		Unit	Min.	Typ.	Max.
Center frequency	Fc	MHz	-	291.4	-
Insertion Loss (Fc±3.5 MHz)	IL	dB	-	3	4.5
Amplitude Ripple (Fc±3.5 MHz)		dB	-	0.85	2.0
Attenuation (Reference level from 0 dB)					
Fc-100 to -37.5 MHz		dB	40	55	-
Fc+37.5 to +100 MHz		dB	40	65	-

C. MEASUREMENT CIRCUIT:

Network analyzer

D. Frequency Characteristics:

Tr1 S21 Log Mag 2.000dB/ Ref -10.00dB [F2]
0.000

| 1 | 287.90000 MHz | -2.7044 dB |
| >2 | 294.90000 MHz | -3.0162 dB |

1 Center 291.4 MHz   IFBW 70 kHz   Span 30 MHz

Tr1 S21 Log Mag 10.00dB/ Ref -50.00dB [F2]
0.000

| 1 | 253.90000 MHz | -69.815 dB |
| >2 | 328.90000 MHz | -82.863 dB |

1 Center 291.4 MHz   IFBW 70 kHz   Span 200 MHz   Cor

TAI-SAW TECHNOLOGY CO., LTD.

TST DCC
Release document

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E. MEASUREMENT CIRCUIT:

1467
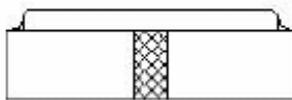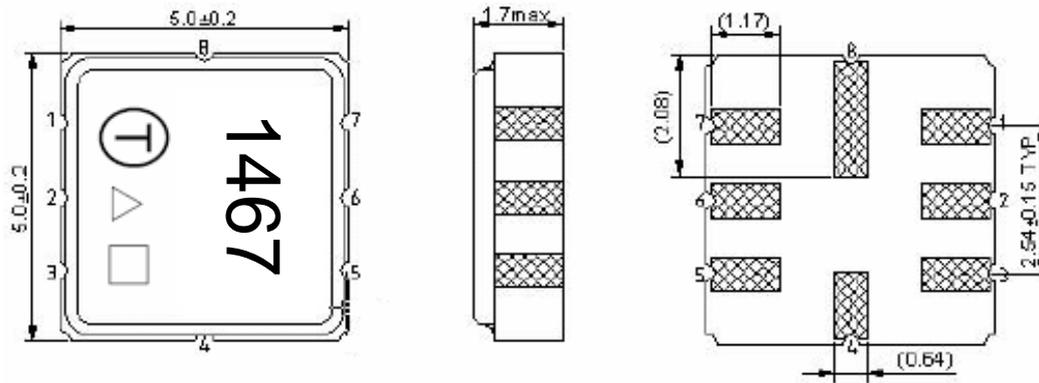
#2: Input
#6: Output
#1,3,4,5,7,8: Ground
Unit: mm

□ Data code : See the table

WK	01	02	...	26	27	28	...	52
Code	A	B	...	Z	a	b	...	z

△ Year code : See the table

Year	2009	2010	2011	2012
	2013	2014	2015	2016
Code	A	a	A	a

F. OUTLINE DRAWING:
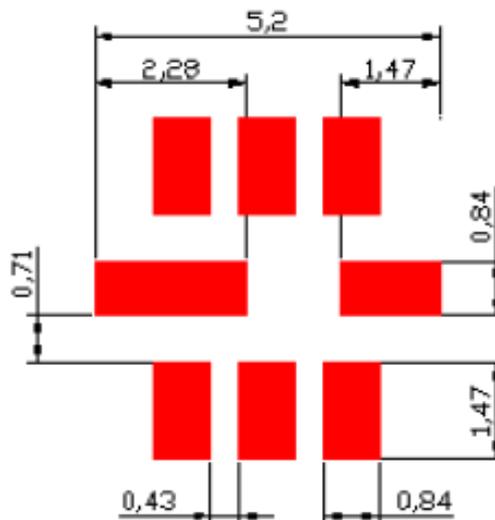
G. PACKING:

1. REEL DIMENSION

2. TAPE DIMENSION

SECTION A-A

Direction of Feed