



# 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 262MHz SMD 5.0X5.0 mm (BW=4MHz)

TST Part No.: TA1345B

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

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

Checked by: \_\_\_\_\_ Anne Chen 

Approved by: \_\_\_\_\_ Bob Chau 

Date: \_\_\_\_\_ 01, 13, 2016

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 change



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SAW Filter 262 MHz

MODEL NO.: TA1345B

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

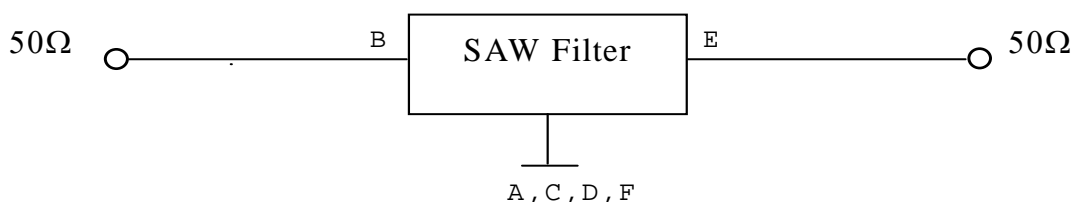
Electrostatic Sensitive Device (ESD)

## B. ELECTRICAL CHARACTERISTICS:

Item		Min.	Typ.	Max.
Center frequency , Fc	MHz	-	262	-
Insertion loss, IL (260 ~ 264 MHz)	dB	-	1.8	3
Amplitude ripple (260 ~ 264 MHz)	dB	-	0.7	2
Attenuation (Reference level from 0 dB)				
Fc-100 ~ Fc-40 MHz	dB	40	47	-
Fc-40 ~ Fc-11 MHz	dB	30	42	-
Fc+11 ~ Fc+40 MHz	dB	15	35	-
Fc+40 ~ Fc+100 MHz	dB	38	43	-
Source impedance	Z <sub>s</sub> Ω	-	50	-
Load impedance	Z <sub>L</sub> Ω	-	50	-

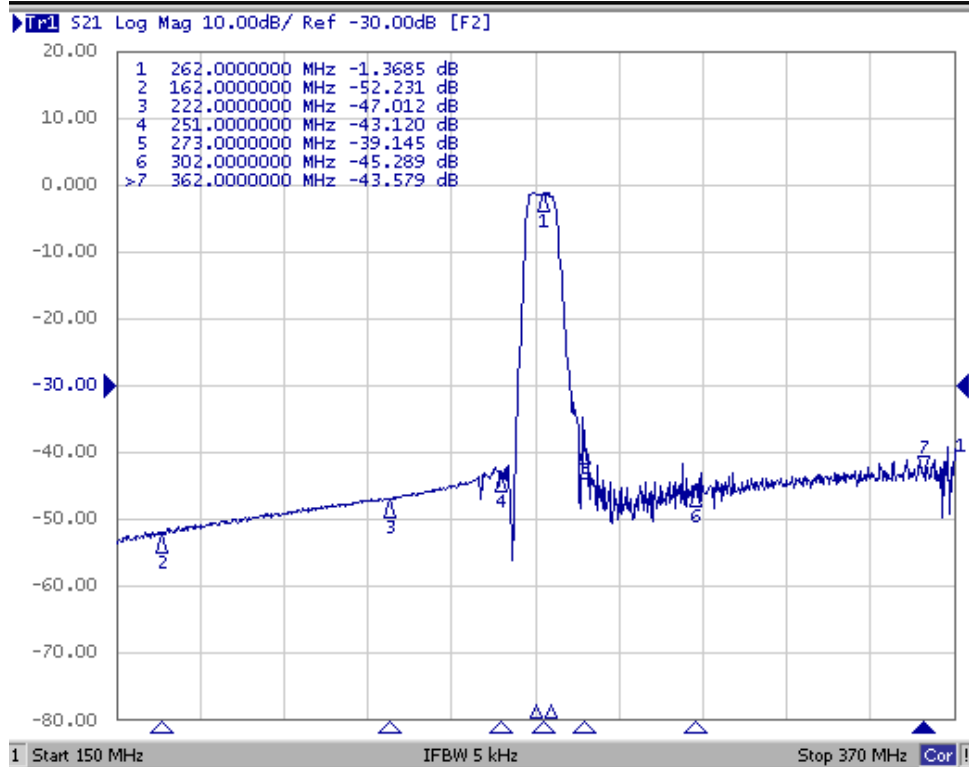
## C. MEASUREMENT CIRCUIT:

HP Network analyzer

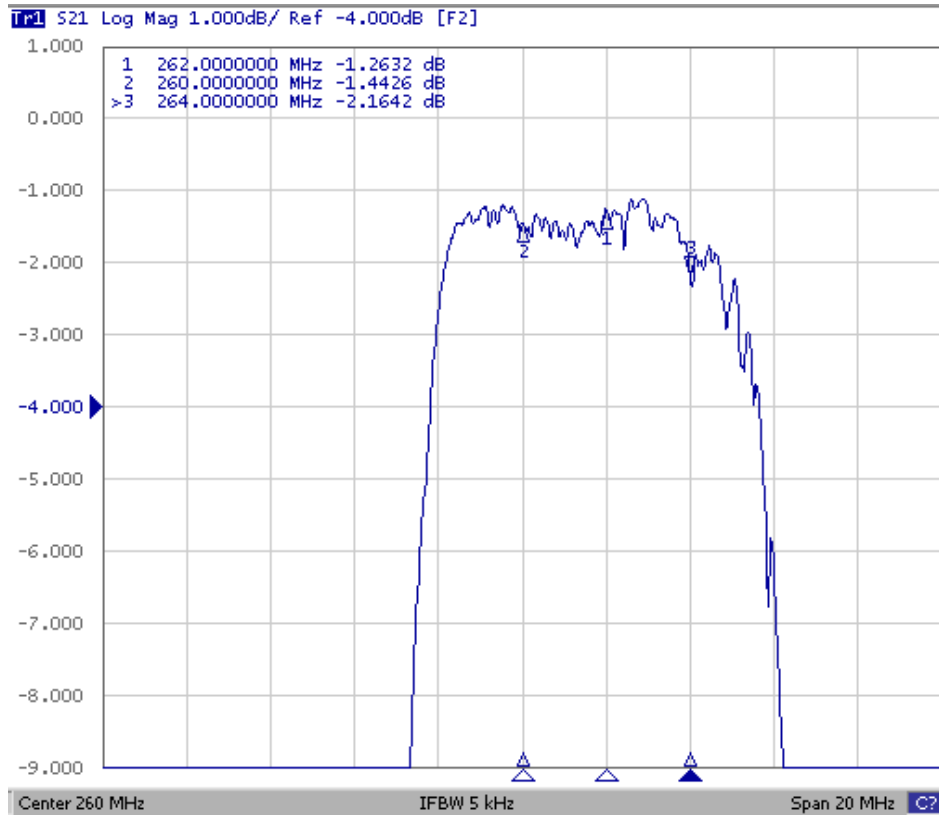


## D. Frequency Characteristics :

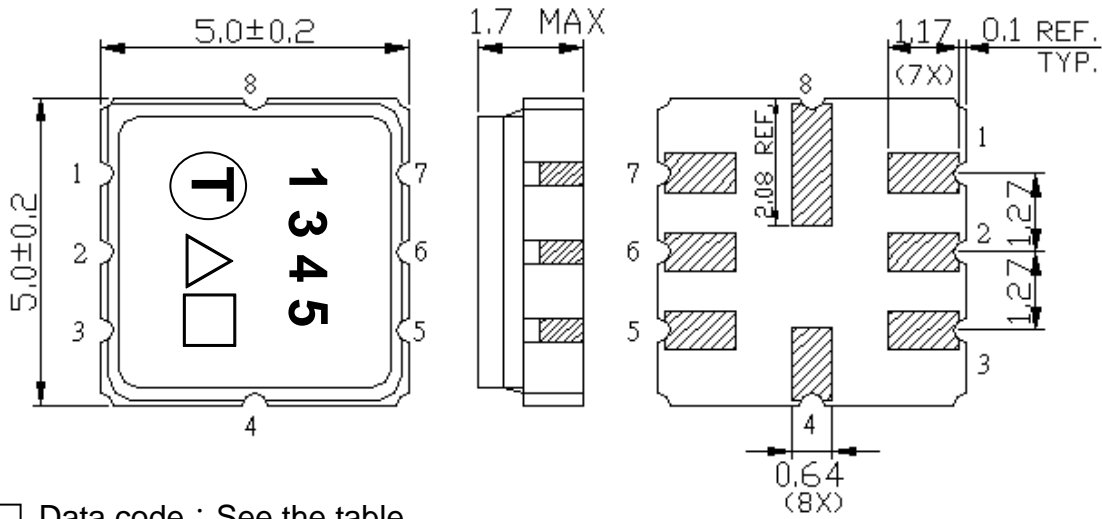
### 1. Wideband response (span: 150~370MHz)



### 3. Narrow-band response (span 20MHz)



**E.OUTLINE DRAWING:**



□ Data code : See the table

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

#2 : Input

#6 : Output

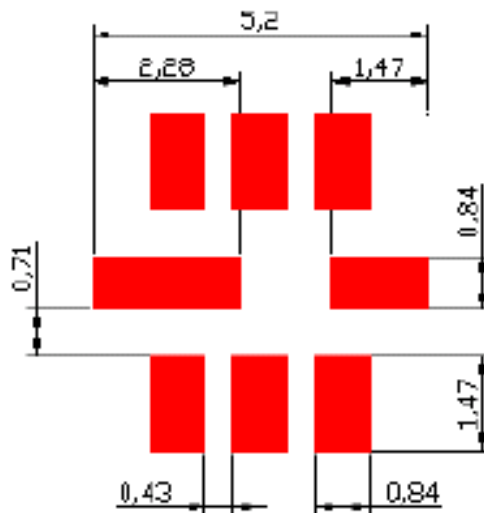
#1,3,4,5,7,8 : Ground

Unit : mm

△ Year code : See the table

Year	2013	2014	2015	2016
	2017	2018	2019	2020
Code	A	a	<u>A</u>	<u>a</u>

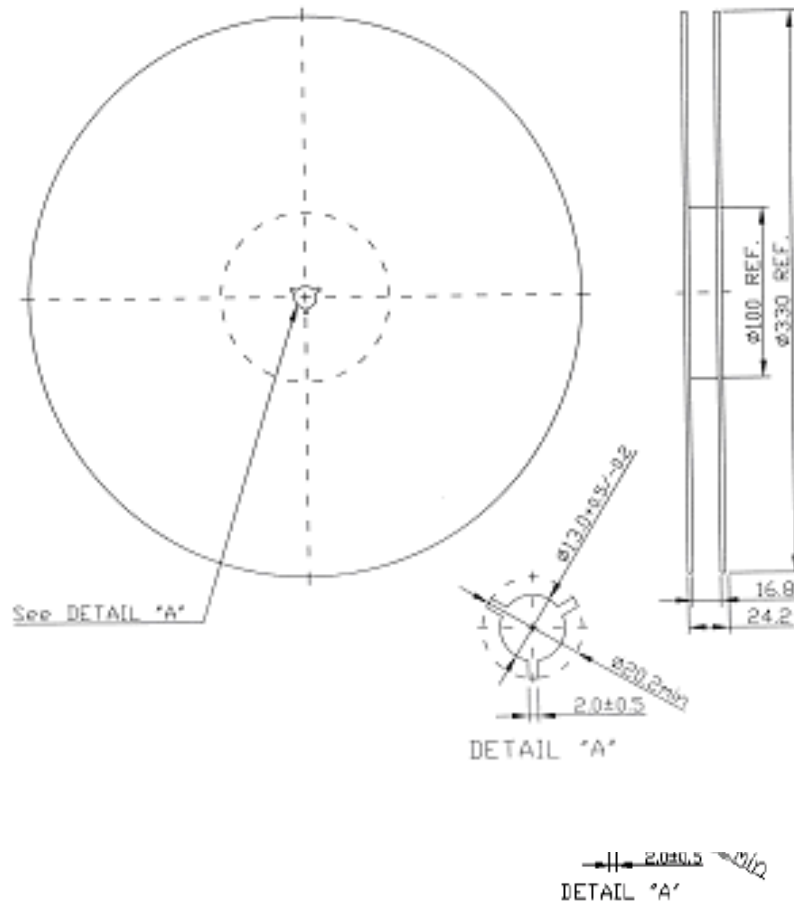
**F. PCB Footprint :**



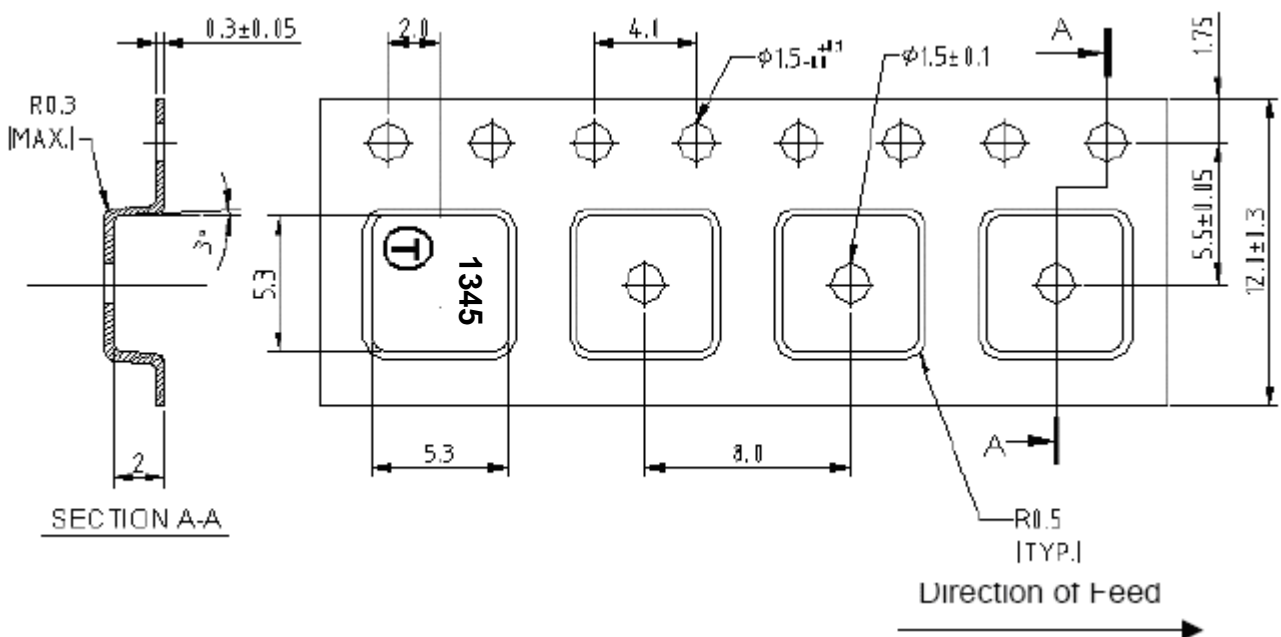
**G. PACKING:**

1. Reel dimension

**(Please refer to FR-75D10 for packing quantity)**



2. Tape dimension



## H. RECOMMENDED REFLOW PROFILE :

1. Preheating shall be fixed at 150~180°C for 60~90 seconds.
2. Ascending time to preheating temperature 150°C shall be 30 seconds min.
3. Heating shall be fixed at 220°C for 50~80 seconds and at 245~260°C peak (min. 10sec).
4. Time : 2 times.

