



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 Specification Approval Sheet

Product Name: SAW Filter 387.5 MHz SMD 5X5 mm(BW=5 MHz)

TST Parts No.:TA0964B

Customer Parts No.:_____

Customer signature required

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____ Anne Chen 

Approved by:_____ Bob Chau 

Date:_____ 03/08/2017

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 387.5 MHz

MODEL NO.: TA0964B

REV. NO.:1

A. MAXIMUM RATING:

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

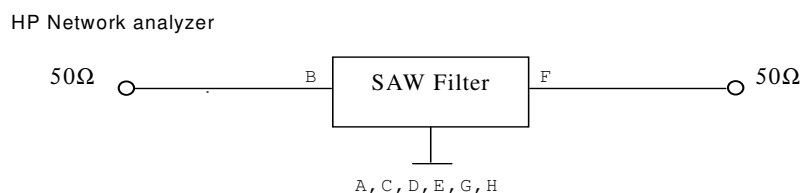
RoHS Compliant
Lead free
Lead-free soldering

Electrostatic Sensitive Device (ESD)

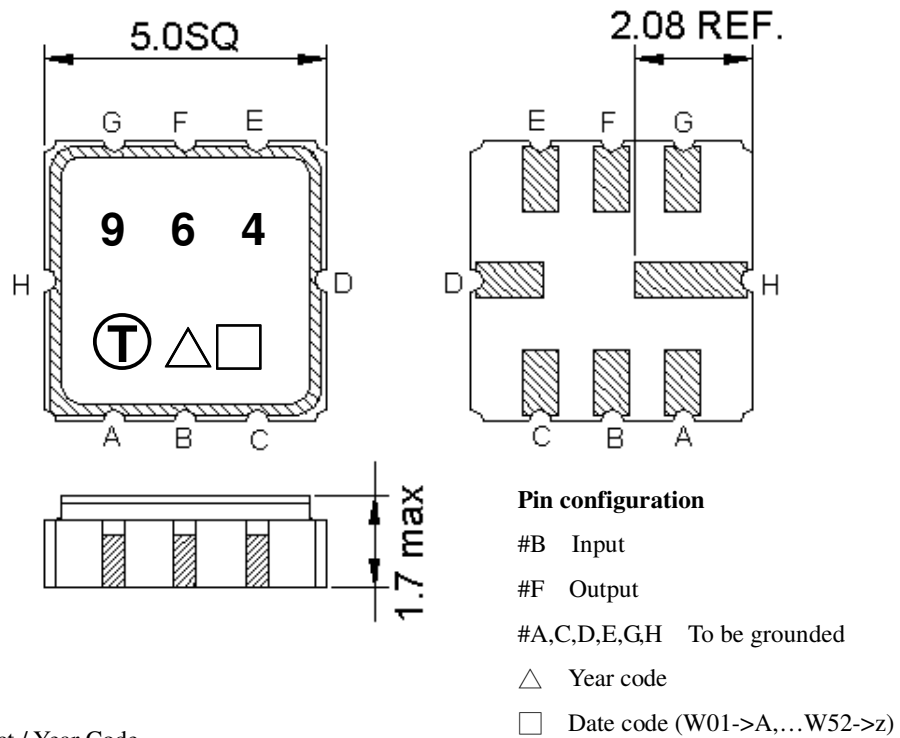
B. ELECTRICAL CHARACTERISTICS:

Item		Unit	Min.	Typ.	Max.
Center frequency	Fo	MHz	-	387.5	-
Insertion loss (385 ~ 390 MHz)	IL	dB	-	1.9	3
Amplitude Ripple (385 ~ 390 MHz)		dB	-	0.5	2
2 dB bandwidth	BW-2	MHz	7.5	11	-
Attenuation (Reference level from 0 dB)					
287.5 to 342.5 MHz		dB	40	60	-
432.5 to 442.5 MHz		dB	35	58	-
442.5 to 487.5 MHz		dB	30	57	-
475 to 476 MHz		dB	50	57	-
Source impedance	Zs	Ω	-	50	-
Load impedance	ZL	Ω	-	50	-
Temperature Coefficient		ppm/°C	-	-36	-

C. MEASUREMENT CIRCUIT:



D. OUTLINE DRAWING:

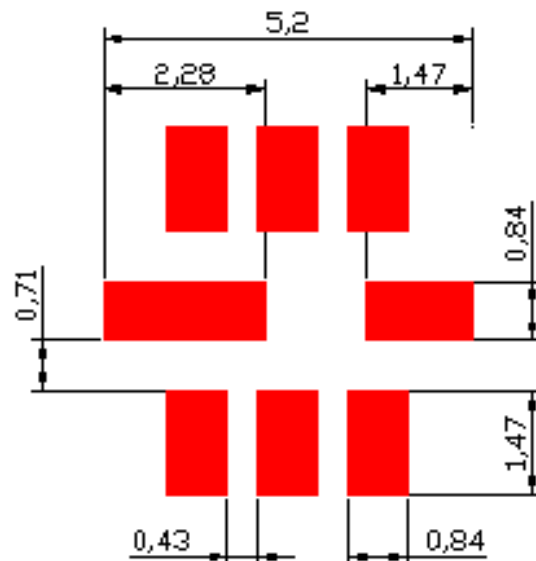


△ : Product / Year Code

Year	2017 2021	2018 2022	2019 2023	2020 2024
Product Code	A	a	<u>A</u>	<u>a</u>

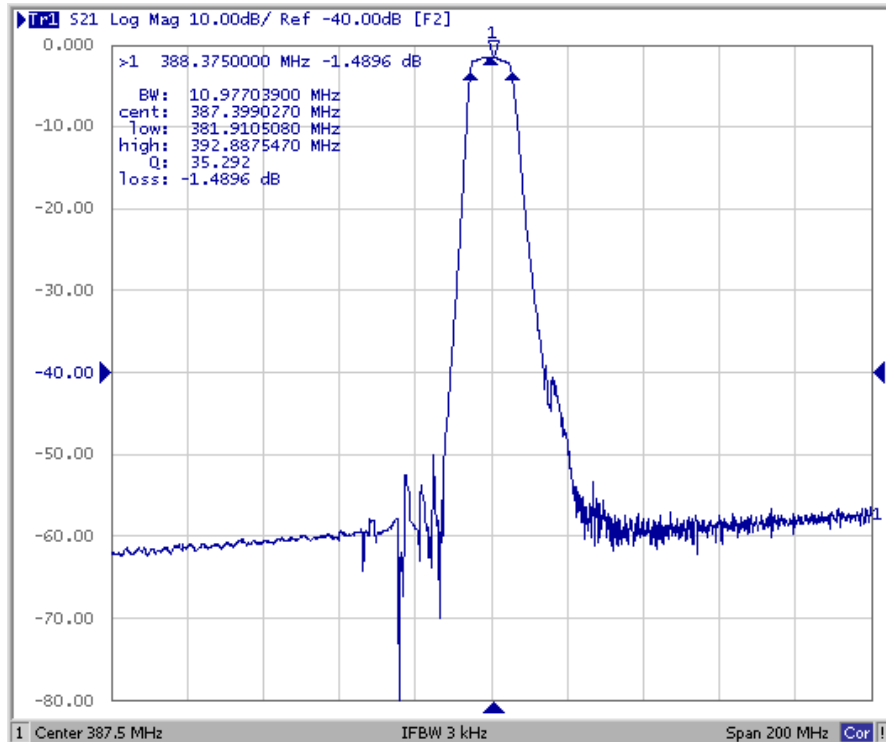
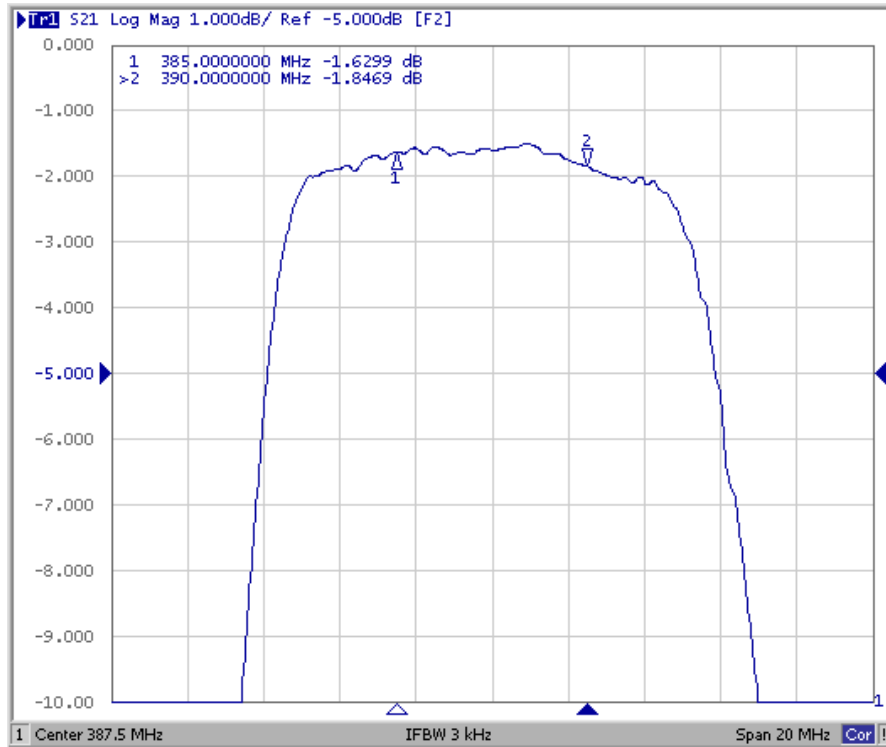
Unit mm

E. PCB Footprint:



F. Frequency Characteristics :

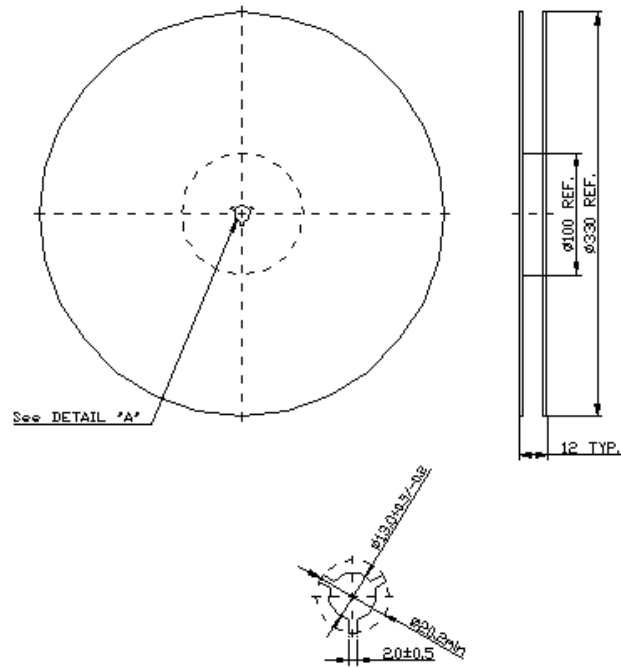
Transfer function



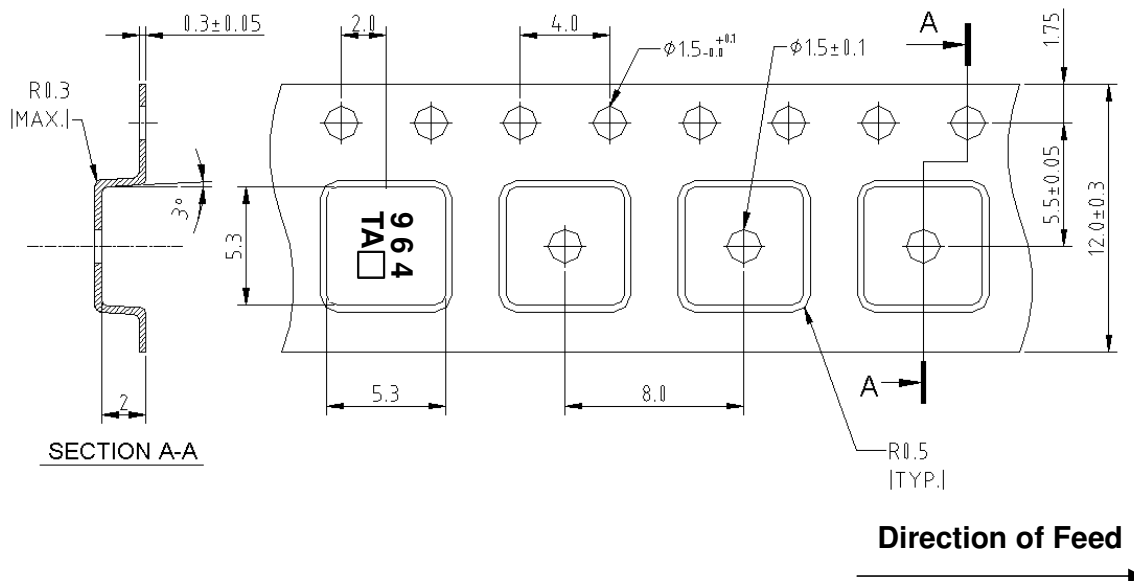
G. PACKING:

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.

