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 Name: SAW Filter 864 MHz SMD 3.8×3.8 mm

TST Parts No.:TA0287A

Customer Parts No.:_____

Customer signature required

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____Anne Chen_____

Approval by:_____Andy Yu_____

Date:_____2019/07/22_____

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 864 MHz

MODEL NO.: TA0287A REV. NO.:3.0

A. MAXIMUM RATING:

1. Input Power Level: 5 dB_m
2. 2.DC voltage: 3 V
3. Operating Temperature: -10°C to +60°C
4. Storage Temperature: -40°C to +85°C
5. Moisture Sensitivity Level: Level 1(MSL1)

RoHS Compliant
Lead free
Lead-free soldering

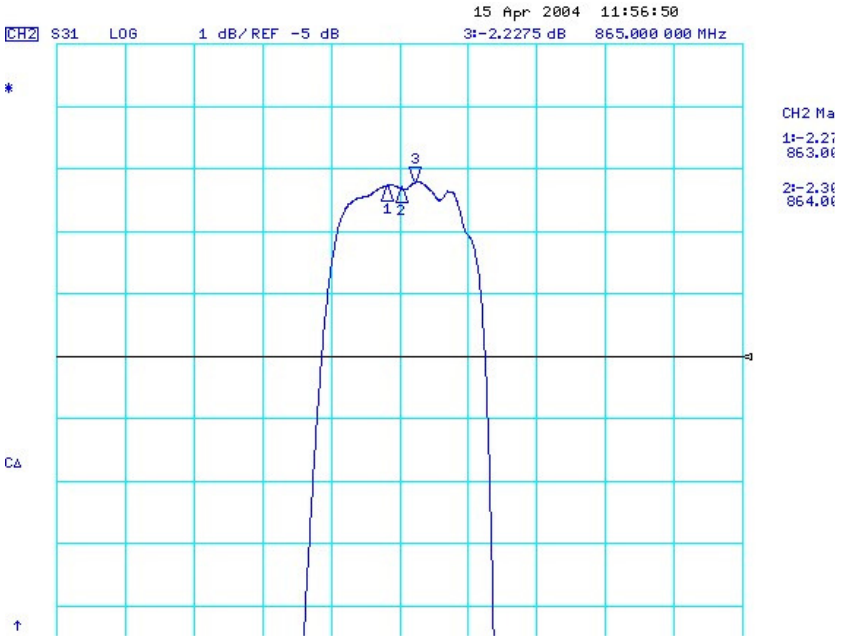
Electrostatic Sensitive Device

B. ELECTRICAL CHARACTERISTICS:

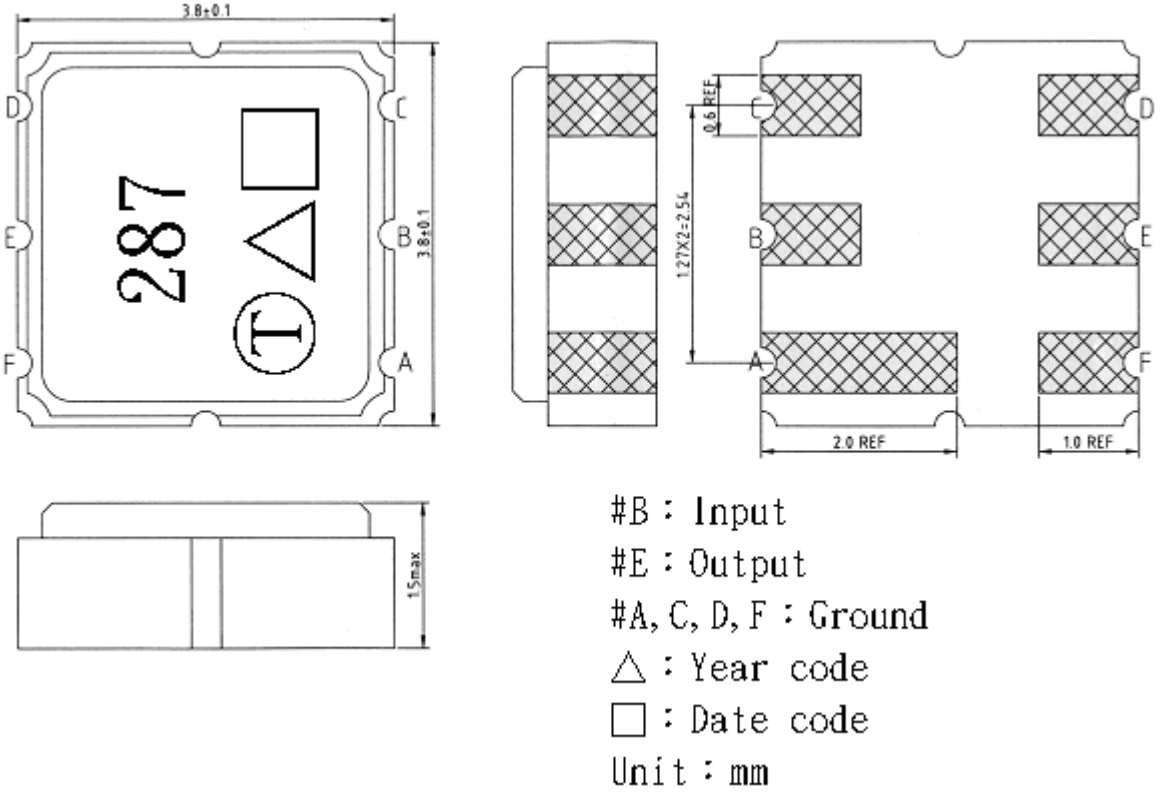
Item			Min.	Typical	Max.
Center frequency	**Fc**	MHz	-	864	-
Insertion loss 863 ~ 865 MHz	**IL**	(dB)	-	2.4	4.2
Amplitude ripple 863 ~ 865 MHz		(dB)	-	0.3	1.3
Attenuation (Reference level from 0 dB)					
820 ~ 823 MHz		(dB)	38	46	-
841~ 844 MHz		(dB)	35	44	-
905 ~ 908 MHz		(dB)	40	48	-
Source impedance	Zs	(()	-	50	-
Load impedance	ZL	(()	-	50	-

Note1. No matching network required for operation at 50 (

C. Frequency Characteristics :



D.OUTLINE DRAWING:



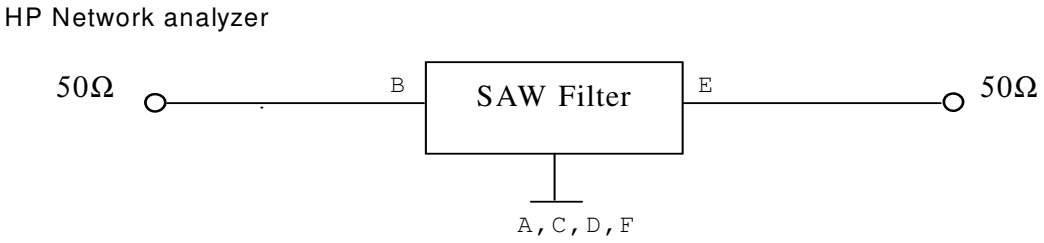
Product / Year Code

Year	2019 2021	2020 2022
Product Code	A	a

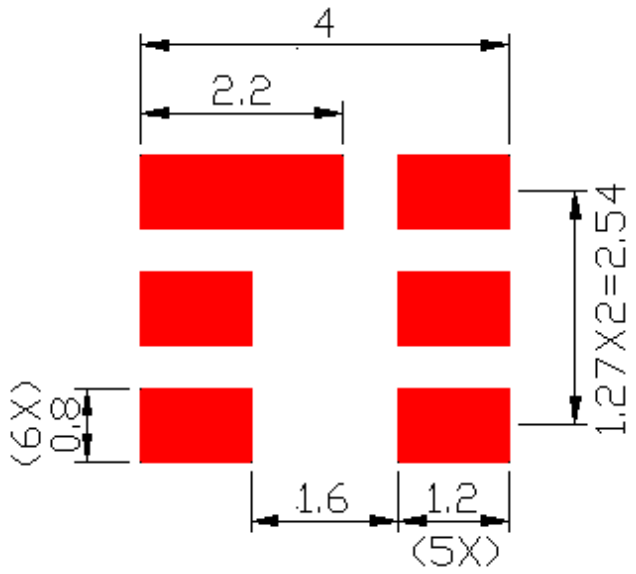
Week Code Table

WK01	WK02	WK03	WK04	WK05	WK06	WK07	WK08	WK09	WK10	WK11	WK12	WK13
A	B	C	D	E	F	G	H	I	J	K	L	M
WK14	**WK15**	**WK16**	**WK17**	**WK18**	**WK19**	**WK20**	**WK21**	**WK22**	**WK23**	**WK24**	**WK25**	**WK26**
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
WK27	**WK28**	**WK29**	**WK30**	**WK31**	**WK32**	**WK33**	**WK34**	**WK35**	**WK36**	**WK37**	**WK38**	**WK39**
a	b	c	d	e	f	g	h	i	j	k	l	m
WK40	**WK41**	**WK42**	**WK43**	**WK44**	**WK45**	**WK46**	**WK47**	**WK48**	**WK49**	**WK50**	**WK51**	**WK52**
n	o	p	q	r	s	t	u	v	w	x	y	z

E. MEASUREMENT CIRCUIT:

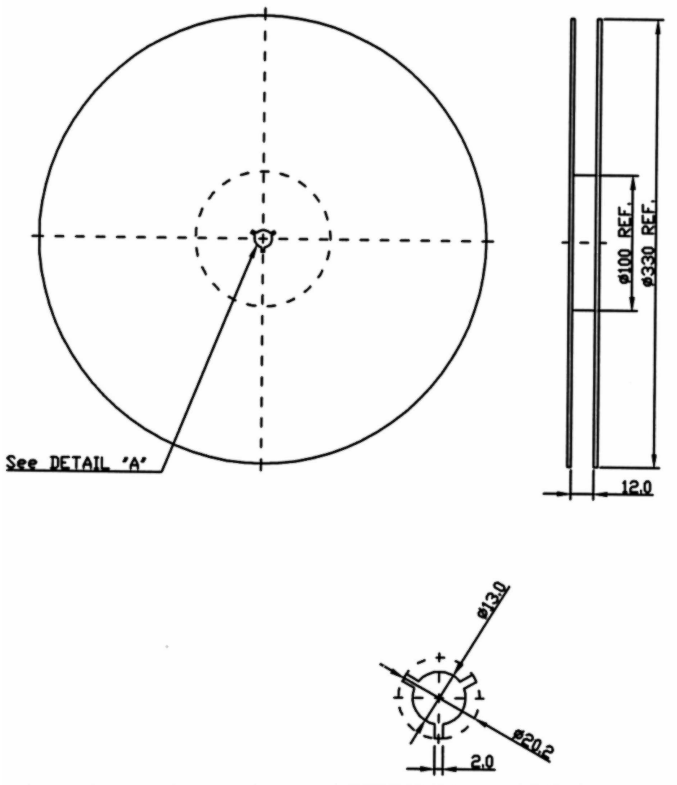


F. PCB FOOTPRINT:

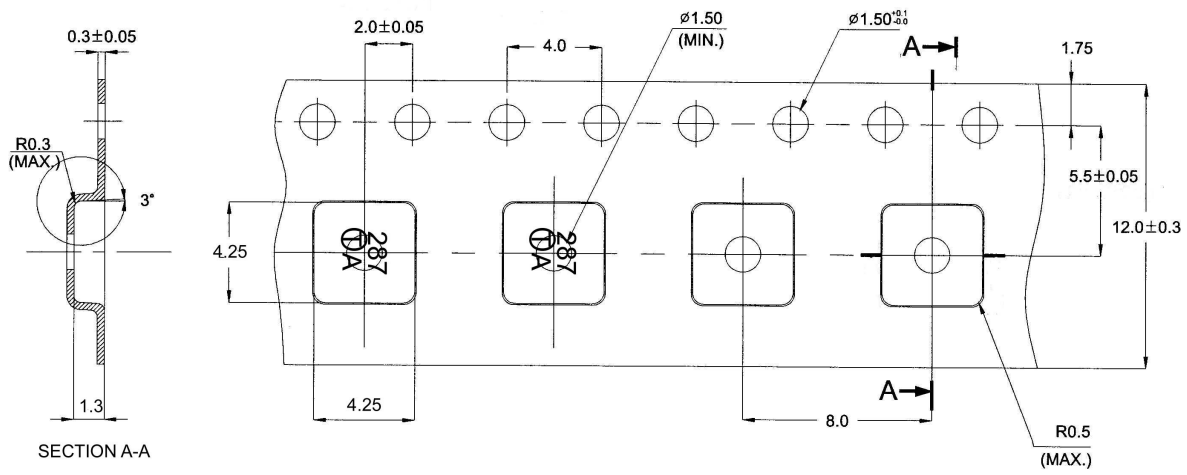


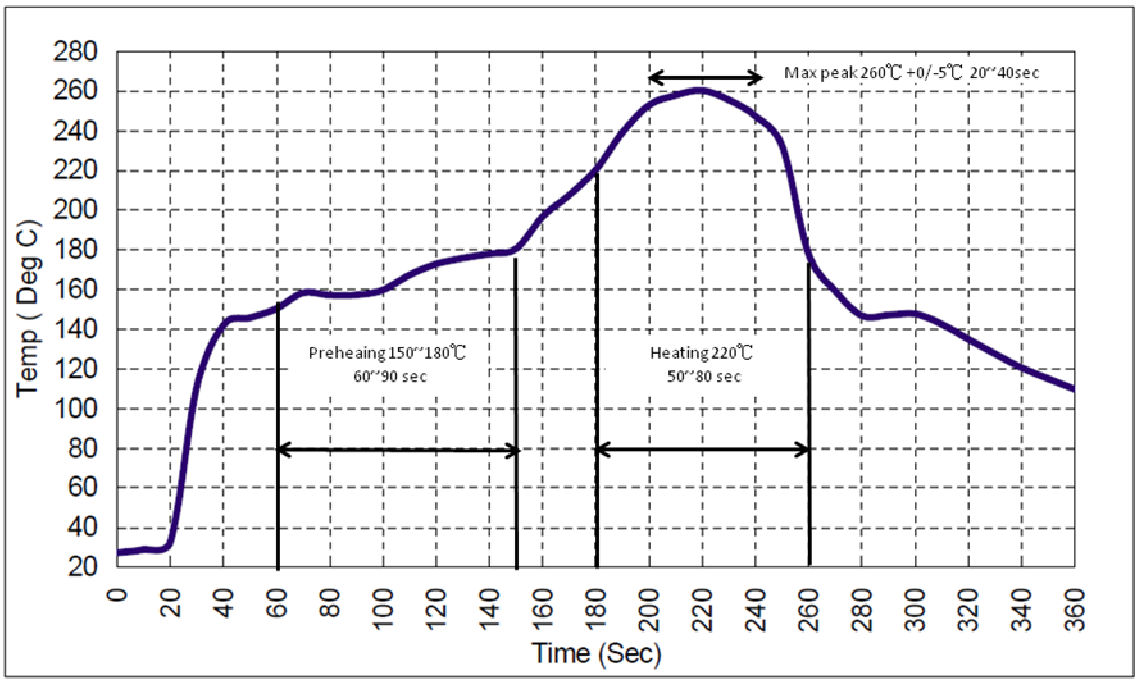
G. PACKING:

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℃ for 60~90 seconds.
2. Ascending time to preheating temperature 150℃ shall be 30 seconds min.
3. Heating shall be fixed at 220℃ for 50~80 seconds and at 260℃+0/-5℃ peak (20~40sec).
4. Time: 2 times.