



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 482MHz SMD 3.8x3.8 mm (BW=24MHz)

TST Parts No.: TA2676A

Customer Parts No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Hong Pu Lin *Hong Pu Lin*

Approval by: _____ Andy Yu *Andy Yu*

Date: _____ 2020/12/13

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 482 MHz

MODEL NO.: TA2676A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 20 dB_m(CW for 70000hrs at 25°C)
2. DC voltage: 5 V
3. Operating Temperature: -40°C to +105°C
4. Storage Temperature: -40°C to +105°C
5. Moisture Sensitivity Level: Level 1(**MSL1**)

RoHS Compliant

Lead-free soldering

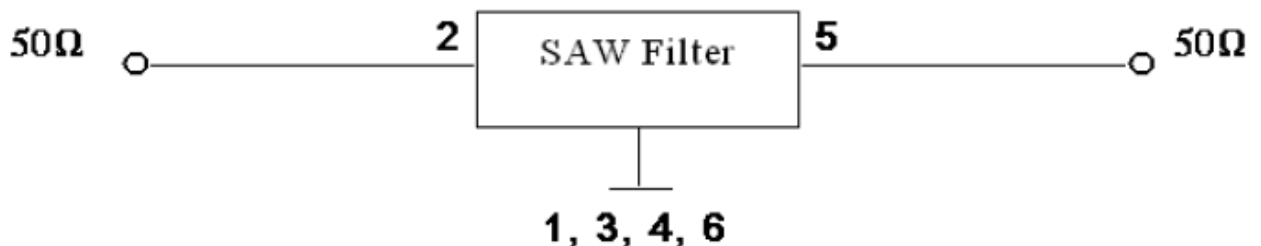
Electrostatic Sensitive Device (ESD)

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	min	type	Max
Center Frequency Fc	MHz		482	
Insertion Loss 470~494MHz (0°C to +50°C)	dB		2.9	3.5
Insertion Loss 470~494MHz (-40°C to +105°C)	dB		3.3	4.0
Return Loss 470~494MHz (0°C to +50°C)	dB	12	14	
Pass band 470~494MHz	MHz	24	32	
Attenuation (Reference level from 0dB)				
10~320 MHz	dB	50	58	
550~750 MHz	dB	42	45	
750~1000 MHz	dB	47	54	
Temperature Coefficient of Frequency	ppm/°C	-75 typ		

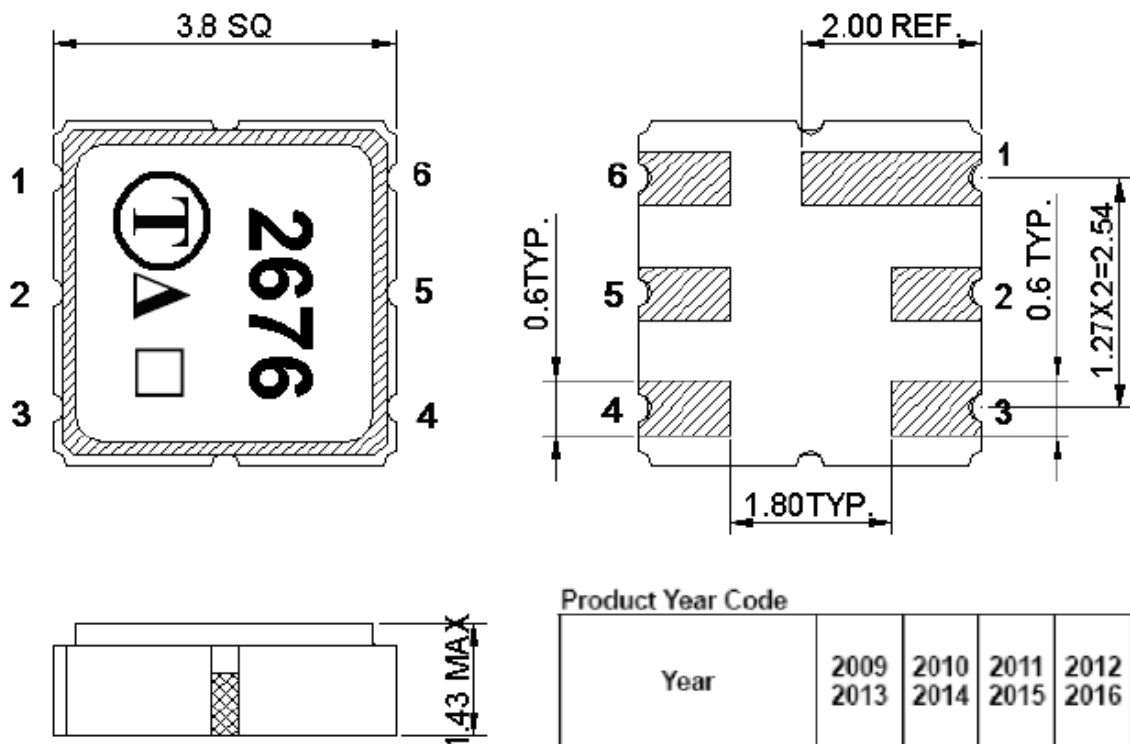
C. MEASUREMENT CIRCUIT:

HP Network analyzer



D. OUTLINE DRAWING:

New



Unit: mm

△: Year Code

□: Date Code

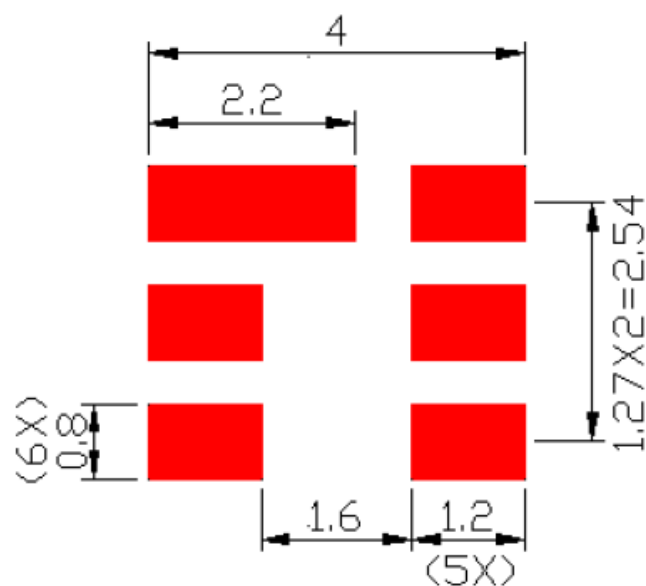
Date Code Table:

Input: 2

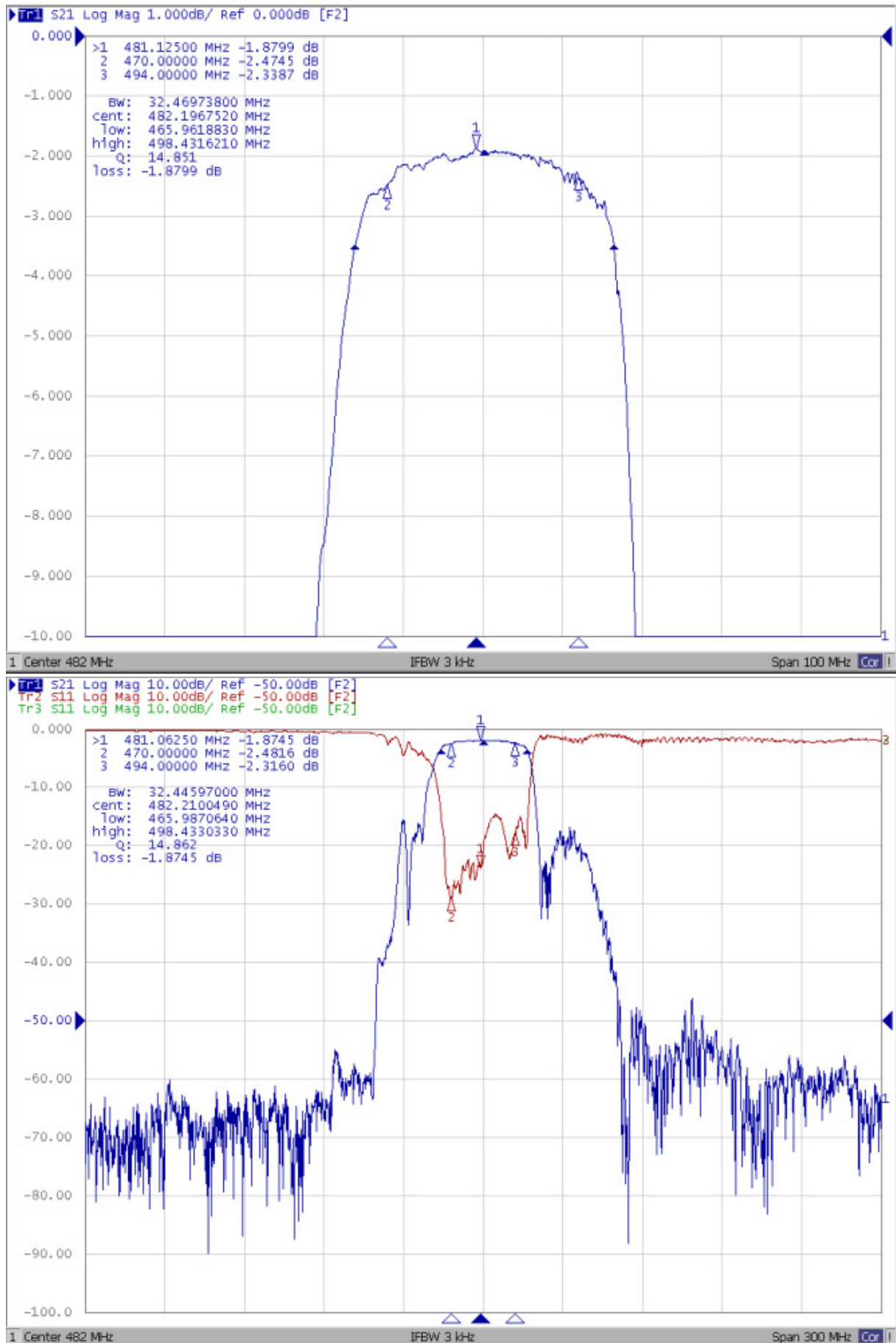
Output: 5

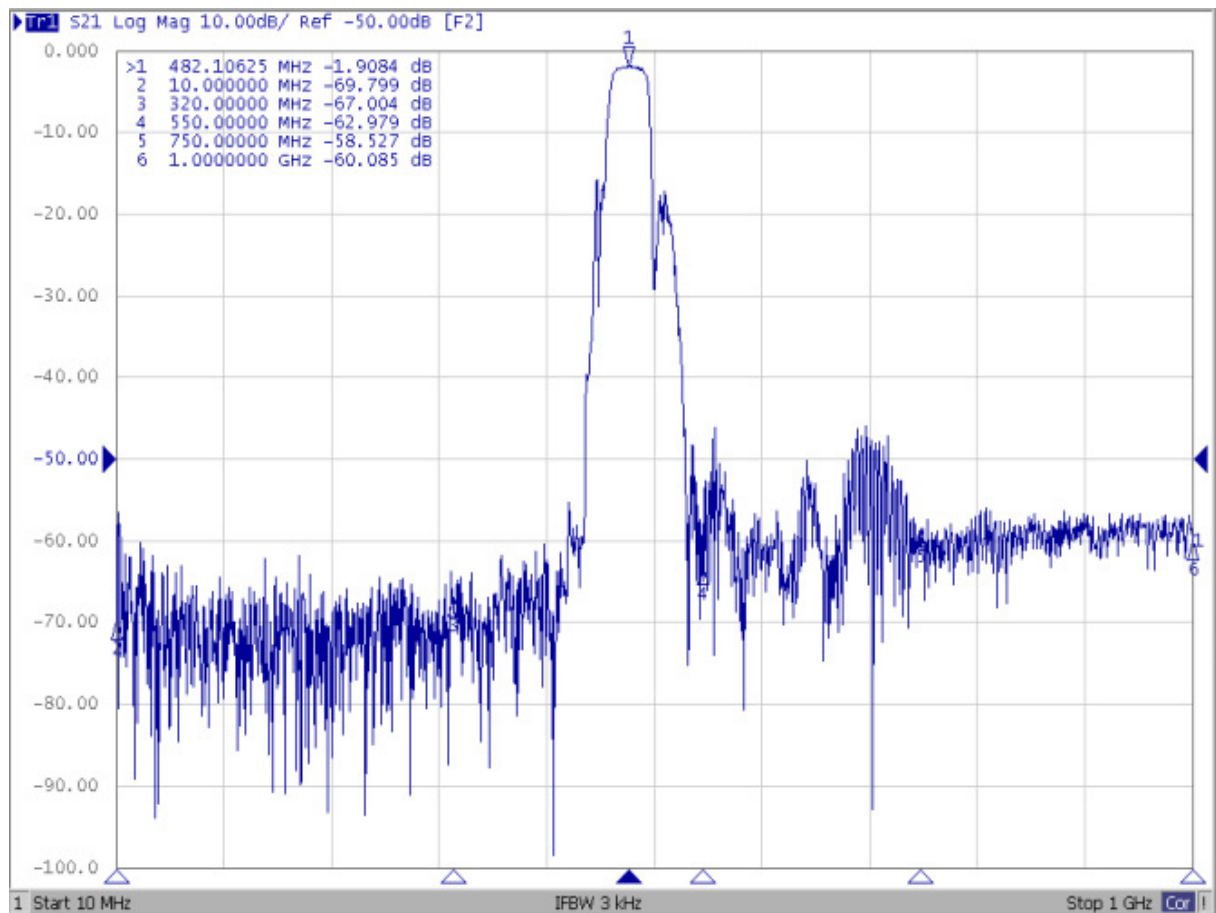
Ground: 1, 3, 4, 6

E. PCB Footprint:



F. Frequency Characteristics:

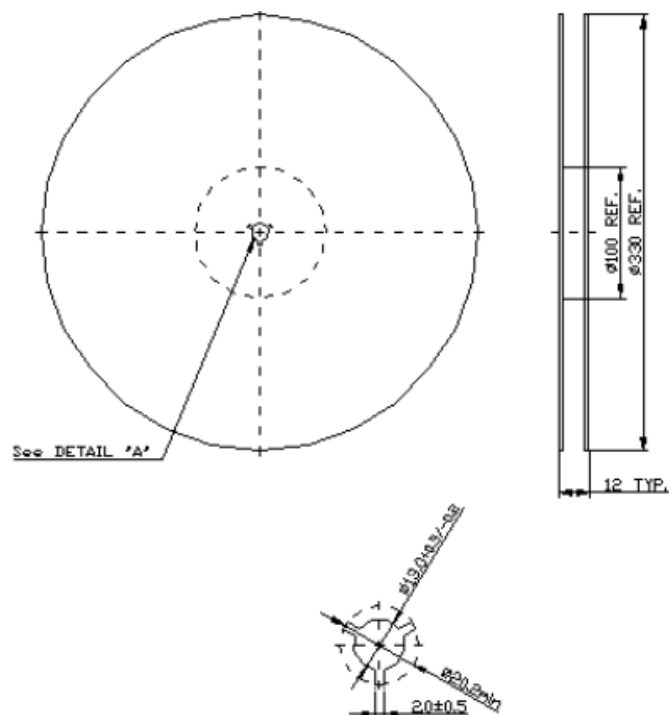




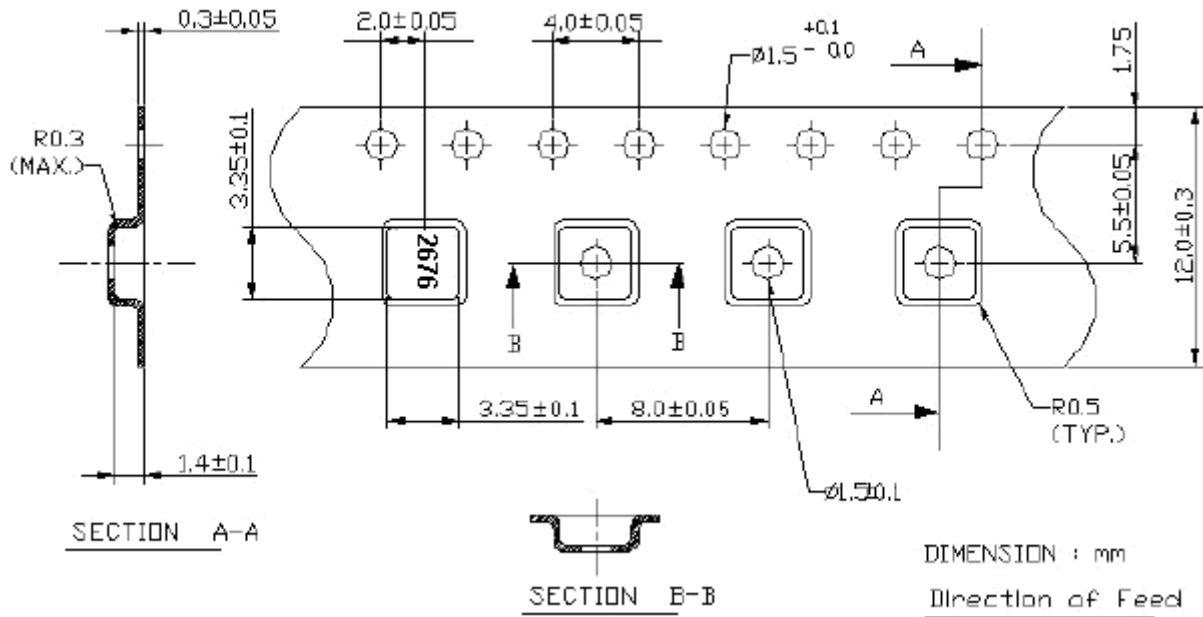
G. PACKING: (Ref. WI-75M03)

1. REEL DIMENSION

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



2. TAPE DIMENSION



H. Recommended Reflow Profile:

1. Preheating shall be fixed at $150 \sim 180^{\circ}\text{C}$ for $60 \sim 90$ seconds.
2. Ascending time to preheating temperature 150°C shall be 30 seconds min.
3. Heating shall be fixed at 220°C for $50 \sim 80$ seconds and at $260^{\circ}\text{C} +0/-5^{\circ}\text{C}$ peak ($20 \sim 40$ sec).
4. Time: 2 times.

