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 Specification Approval Sheet

Product Name: SAW Filter 480MHz SMD 3.8x3.8mm (BW=20MHz)

TST Parts No.:TA2479A

Customer Parts No.:_____

Customer signature required

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____ Anne Chen _____

Approved by:_____ Andy Yu _____

Date:_____ 08, 21, 2018 _____

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 480 MHz

MODEL NO.: TA2479A REV. NO.:1

A. MAXIMUM RATING:

1.Input Power Level: 10 dB_m
2.DC voltage: 3 V
3.Operating Temperature: -40°C to +85°C
4.Storage Temperature: -40°C to +85°C
5. Moisture Sensitivity Level: Level 1
6. ESD 50V(MM) 100V(HBM)

RoHS Compliant
Lead free
Lead-free soldering

Electrostatic Sensitive Device (**ESD**)

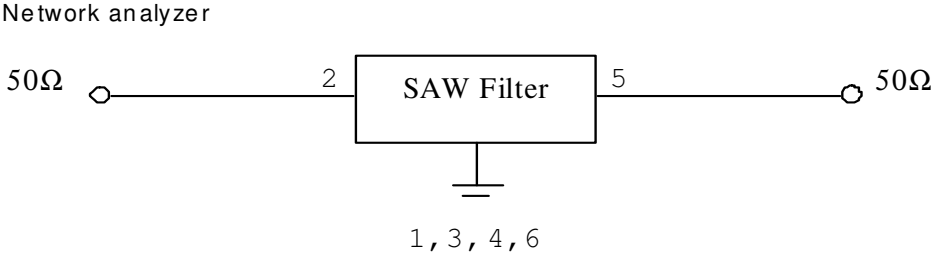
B. ELECTRICAL CHARACTERISTICS:

Reference temperature: 25°C

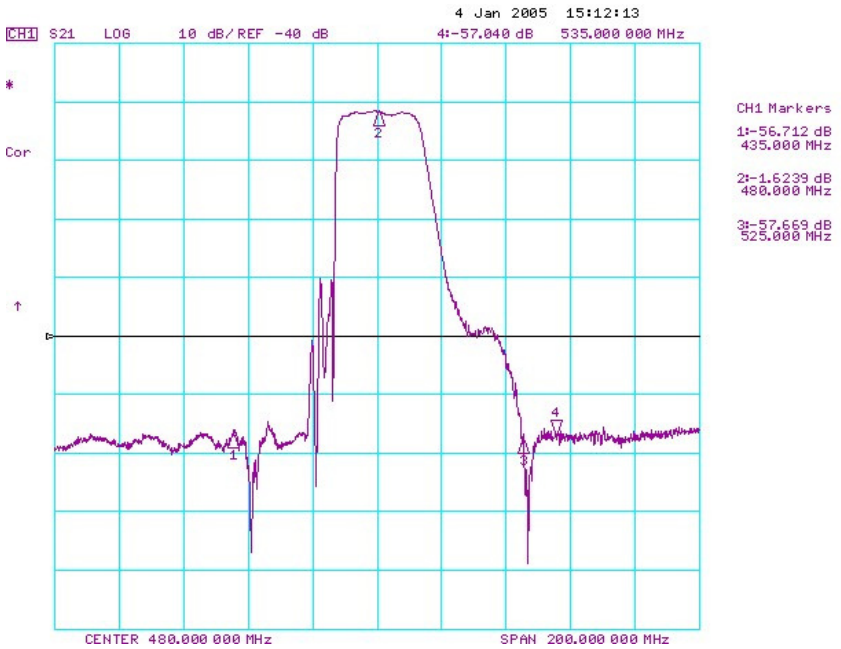
Item		Unit	Min.	Type.	Max.
Center frequency	Fc	MHz	-	480	-
Insertion Loss	IL_{min} (reference level)	dB	-	1.6	2.8
2dB Bandwidth	BW_{-2dB}	MHz	20	24.3	-
Absolute Attenuation:(Reference level from 0dB)					
F_c -45 to F_c -100	MHz	dB	40	56	-
F_c +45 to F_c +55	MHz	dB	30	56	-
F_c +55 to F_c +100	MHz	dB	40	54	
Temperature coefficient of frequency		ppm/k	-	-36	-
Source impedance	Zs	Ω	-	50	-
Load impedance	Z_L	Ω	-	50	-

Note: IL_{min} is the minimum of the pass band attenuation. The center frequency F_c is the mean value of the upper and lower frequencies at the 2dB filter attenuation level relative to the IL_{min}.

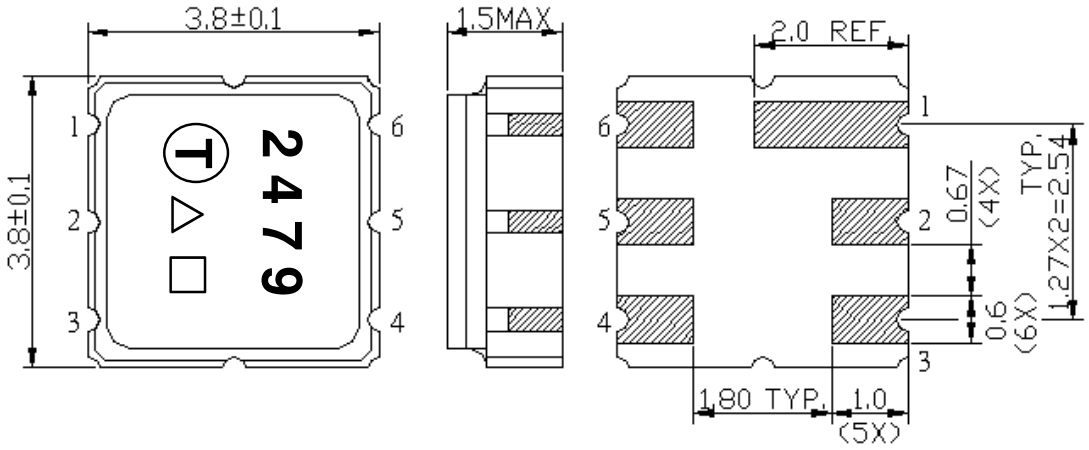
C. MEASUREMENT CIRCUIT:



D. Frequency Characteristics :



E.OUTLINE DRAWING:



Marking name :2479

△ : Year Code

□ : Date Code (W01->A, W02->B,…W52->z)

2 : Input

5: Output

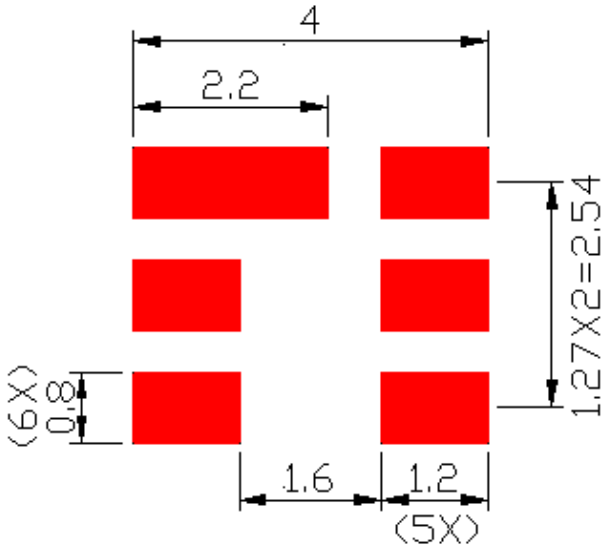
1,3,4,6: Ground

Unit: mm

Product Year Code

Year	2017 2021	2018 2022	2019 2023	2020 2024
Product Code	A	a	A	a

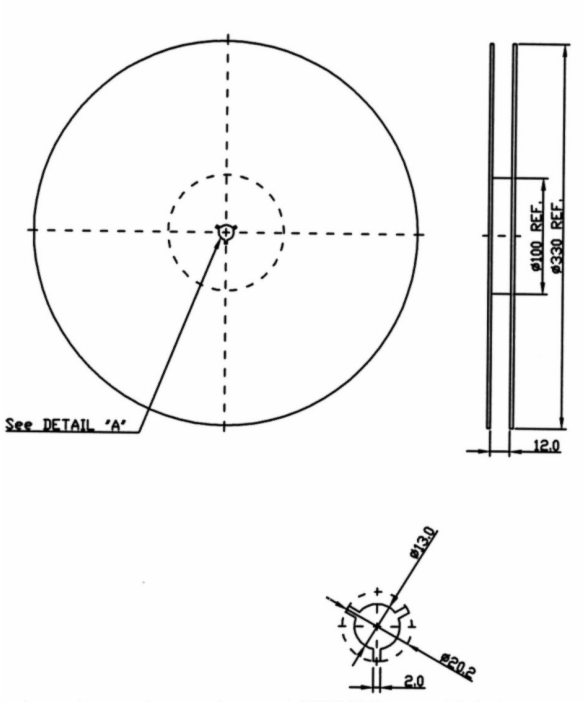
PCB Footprint:



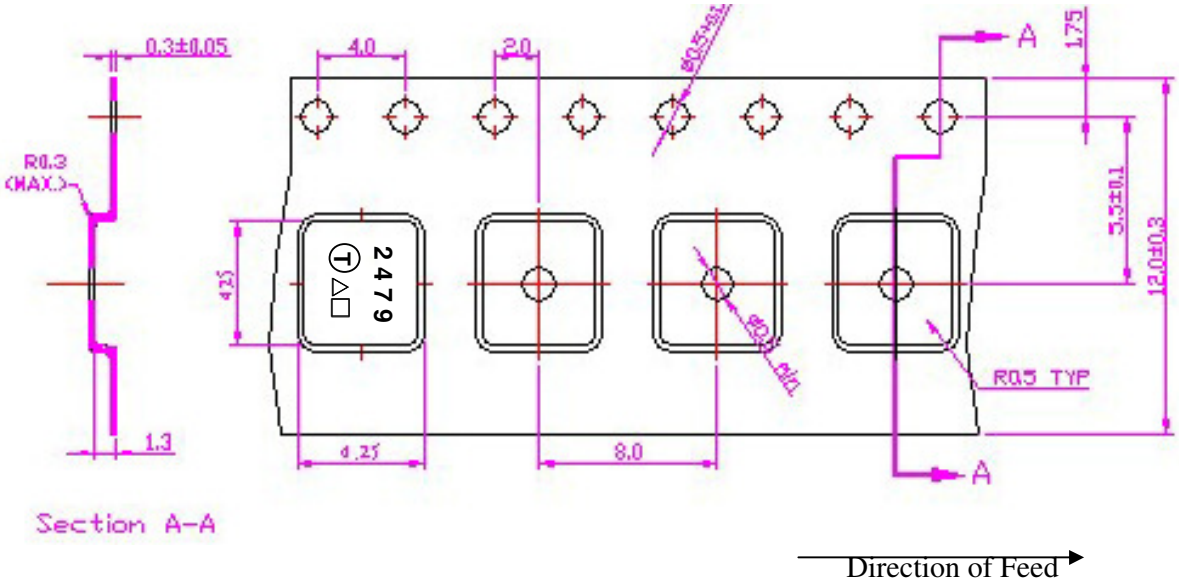
G. PACKING:

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 245~260℃ peak (min. 10sec).
4. Time : 2 times.