



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: ttsales@mail.taisaw.com Web: www.taisaw.com

Product Specification Approval Sheet

Product Name: SAW Filter 479.5MHz SMD 3.8x3.8mm (BW=16MHz)

TST Parts No.:TA2236A

Customer Parts No.:_____

Customer signature required

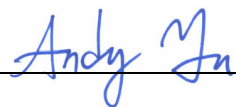
Company:_____

Division:_____

Approved by : _____

Date:_____

Checked by:_____ Anne Chen 

Approved by:_____ Andy Yu 

Date:_____ 11/17/2017

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 479.5 MHz

MODEL NO.: TA2236A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 12 V
3. Operating Temperature: -10°C to +65°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

Electrostatic Sensitive Device (ESD)

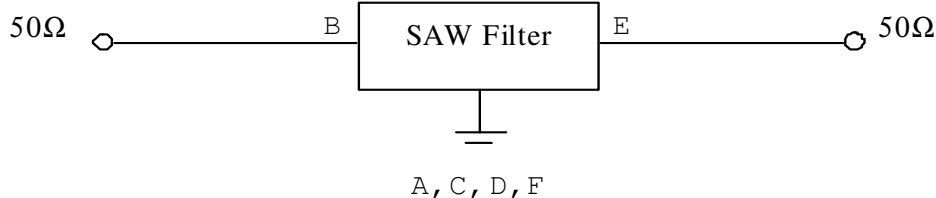
B. ELECTRICAL CHARACTERISTICS:

Reference temperature: 25°C

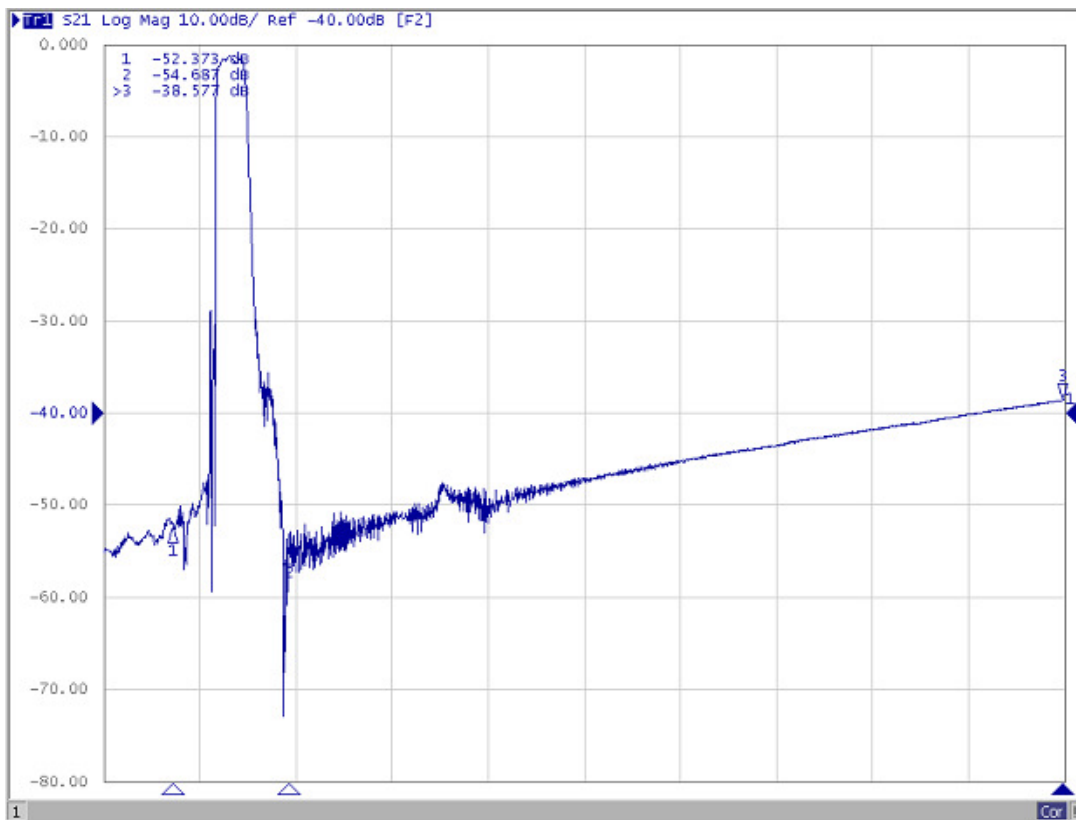
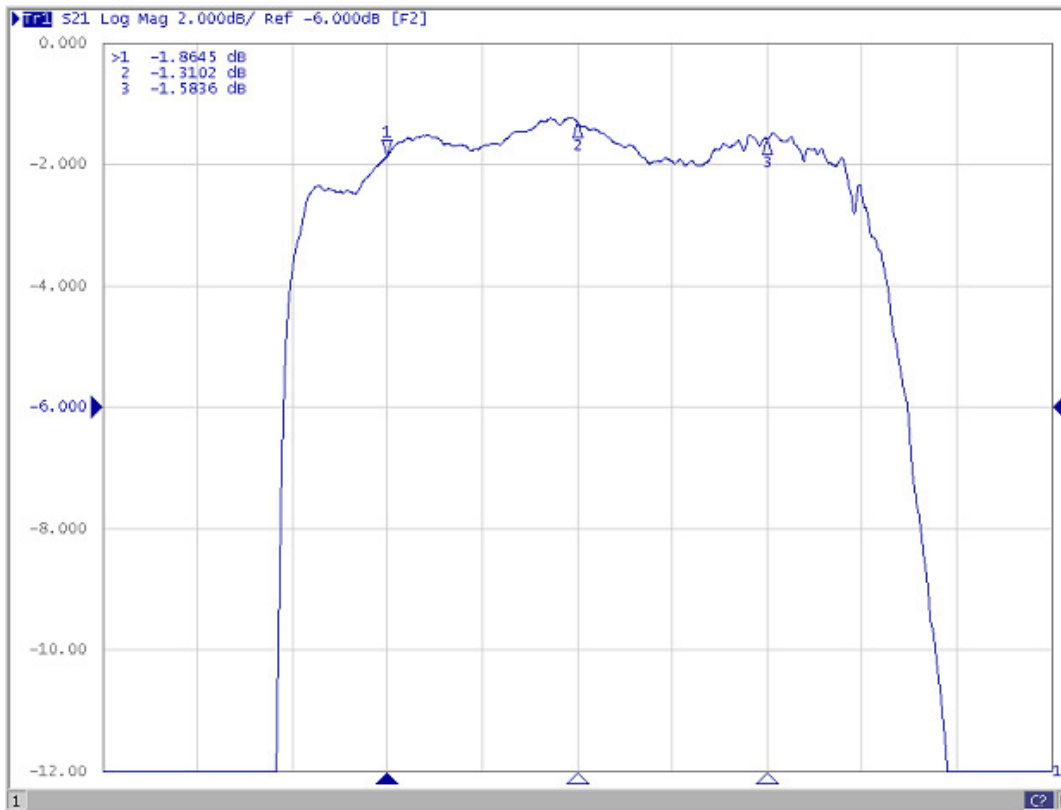
Item	Unit	Min.	Type.	Max.
Center frequency F _c	MHz	-	479.5	-
Usable Bandwidth	MHz	-	+/-8	
Insertion Loss (471.5~487.5MHz.) IL	dB		2.0	4.5
3dB Bandwidth BW _{-3dB}	MHz	20	25	-
Passband Ripple (471.5~487.5MHz.)	dB		1	2
Absolute Attenuation:(Reference level from 0dB)				
F _c -100 to F _c -50 MHz	dB	48	51	-
F _c +50 to 2.5*F _c MHz	dB	35	38	-
Temperature coefficient of frequency	ppm/k	-	-36	-
Source impedance Z _s	Ω	-	50	-
Load impedance Z _L	Ω	-	50	-

C. MEASUREMENT CIRCUIT:

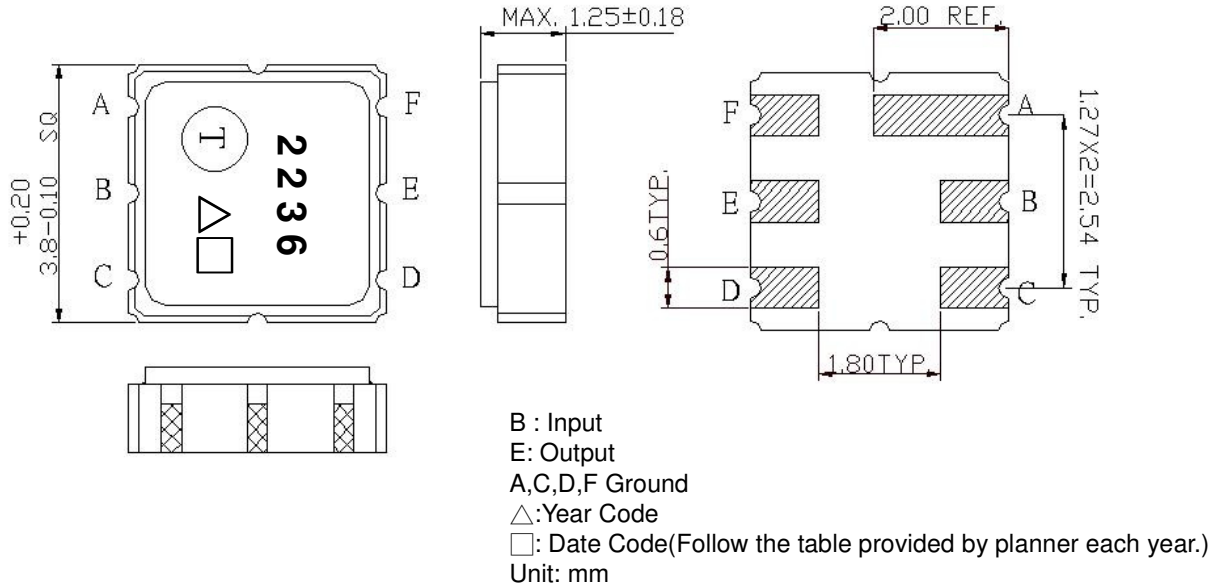
HP Network analyzer



D. Frequency Characteristics :

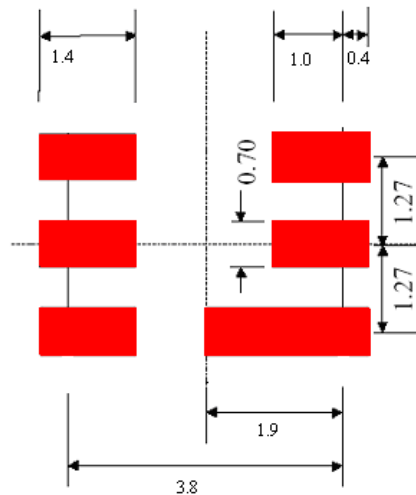


E.OUTLINE DRAWING:



△ Product Year Code		
Year	2015	2016
	2017	2018
	2019	2020
	.	.
Product Code	A	a

PCB Footprint:



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



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.

