



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
Taoyuan, 324, Taiwan, R.O.C.

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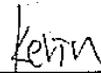
Product Specifications Approval Sheet

Product Name: SAW Filter 550MHz SMD 3.8×3.8mm (BW=24MHz)

TST Parts No.:TA1354A

Customer Parts No.: _____

Customer signature required
Company: _____
Division: _____
Approved by : _____
Date: _____

Checked by: Kevin 

Approval by: Francis Chen 

Date: 2011/07/18

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 550 MHz

MODEL NO.: TA1354A

REV. NO.: 1

A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 5 V
3. Operating Temperature: -30°C to 60°C
4. Storage Temperature: -40°C to +85°C



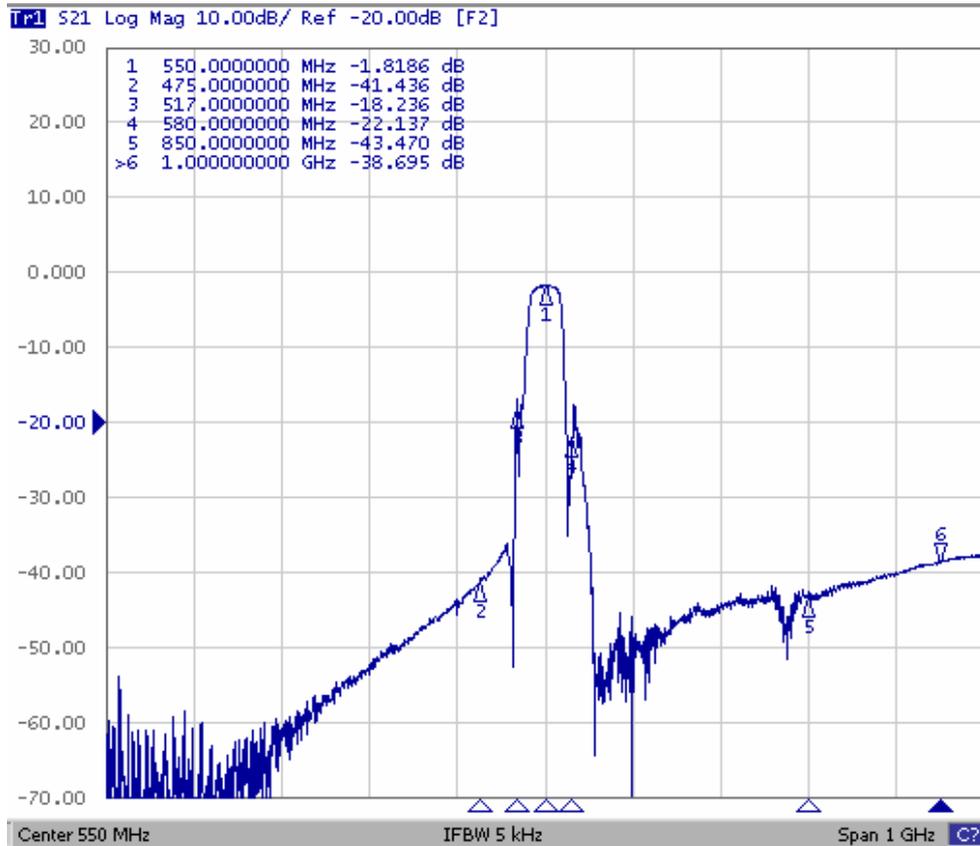
Electrostatic Sensitive Device (ESD)

B. CHARACTERISTICS:

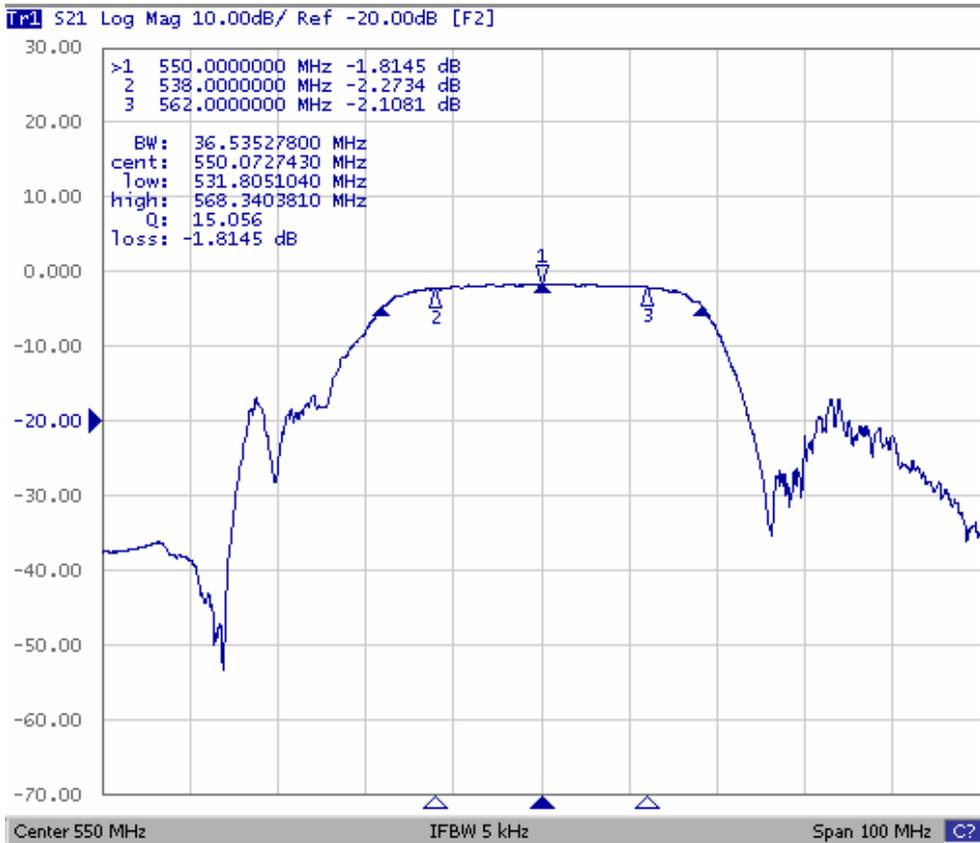
Item	Unit	Min.	Typ.	Max.
Center frequency, Fc	MHz	-	550	-
Amplitude ripple (538 ~ 562 MHz)	dB	-	1.2	1.7
Insertion loss, IL (538 ~ 562 MHz)	dB	-	2.2	3.0
Group Delay, GD (538 ~ 562 MHz)	ns	-	46	200
Bandwidth @ -3 dB		24	34.9	-
Attenuation (reference from 0dB)				
0.3 ~ 475 MHz	dB	36	41	-
475 ~ 517 MHz	dB	10	18	-
580 ~ 625 MHz	dB	10	22	-
625 ~ 850 MHz	dB	38	43	-
850 ~ 1000 MHz	dB	33	38	-
Source impedance, Z _S	Ω	-	50	-
Load impedance, Z _L	Ω	-	50	-

Note1. No matching network required for operation at 50Ω

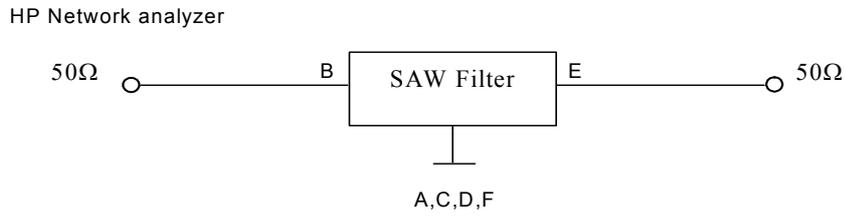
C. Transfer Function : Wideband



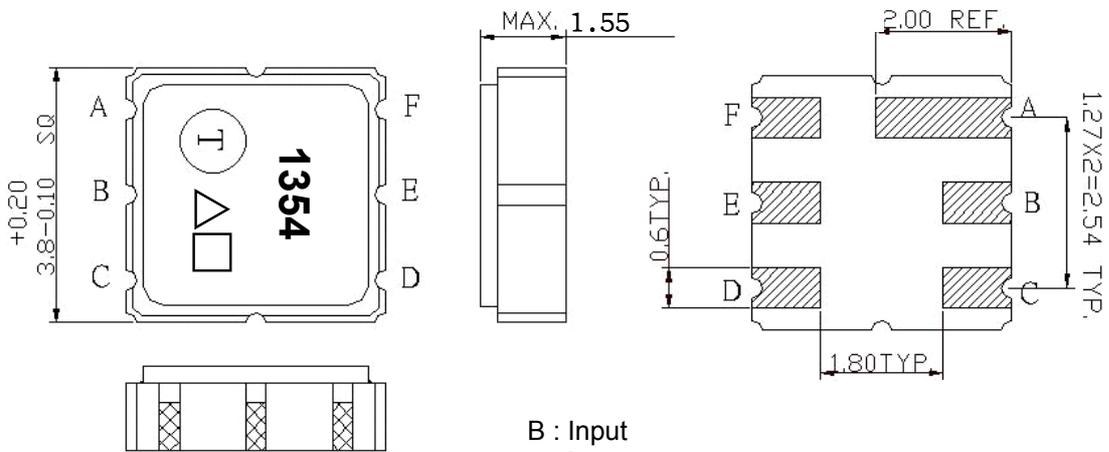
Passband



D. MEASUREMENT CIRCUIT:



E.OUTLINE DRAWING:



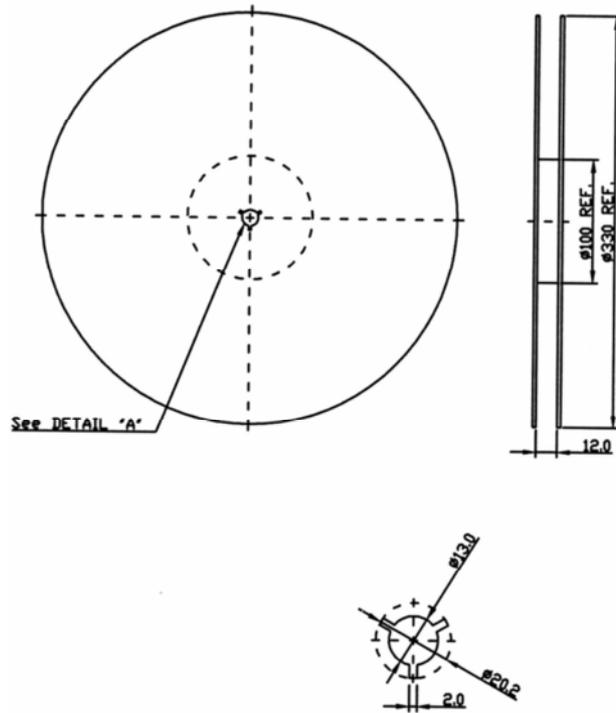
B : Input
 E: Output
 A,C,D,F Ground
 △:Year Code
 □: Date Code(Follow the table provided by planner each year.)
 Unit: mm

△ Product Year Code

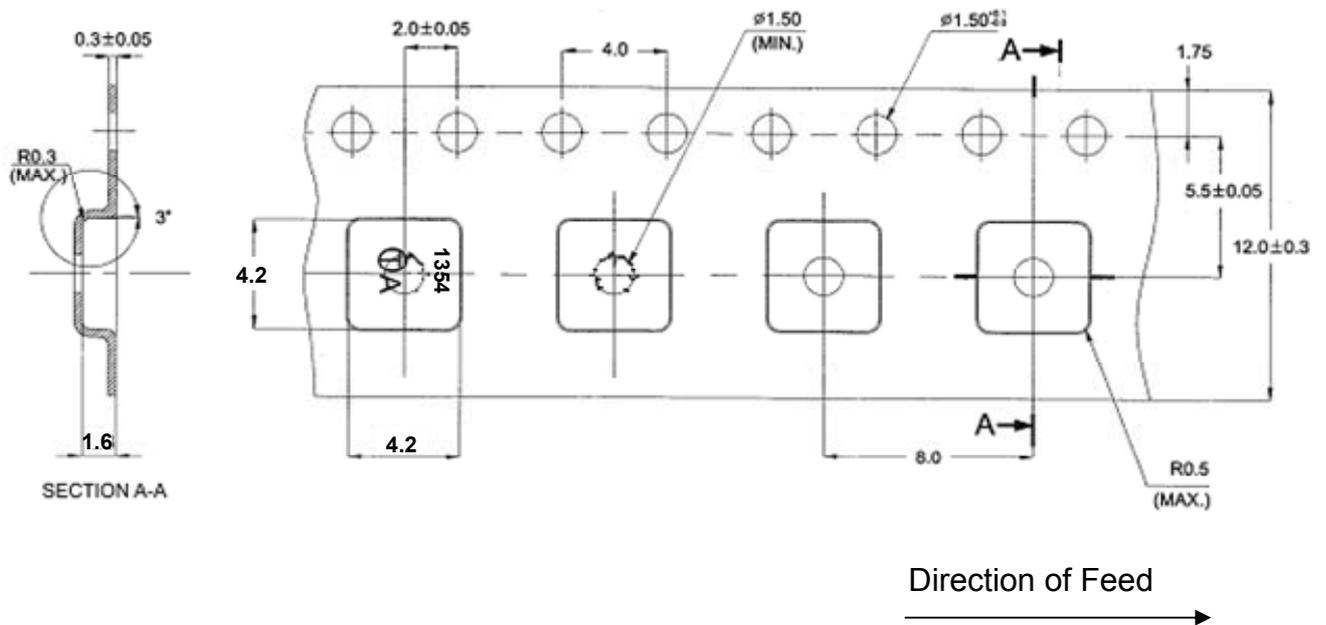
Year	2011	2012
	2013	2014
	2015	2016
Product Code	A	a

F. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

