



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
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Product Specifications Approval Sheet

Product Description: SAW Filter 391MHz SMD 5.0X5.0 mm (BW=8MHz)

TST Part No.: TA1486A

Customer Part No.: _____

Customer signature required

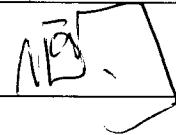
Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: Kevin 

Approved by: Francis Chen 

Date: 2012/6/6

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 391 MHz

MODEL NO.: TA1486A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 5 V
3. Operating Temperature: : -30°C to +85°C
4. Storage Temperature: -55°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

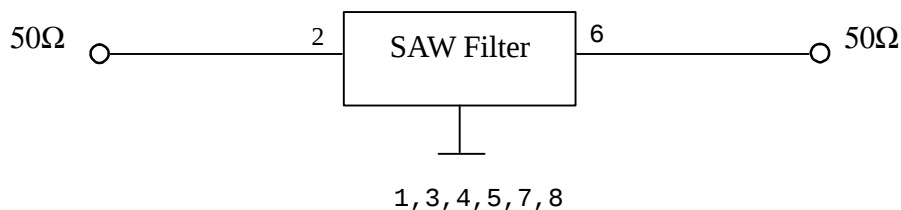
Electrostatic Sensitive Device (ESD)

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.
Center frequency, Fc	MHz	-	391	-
Insertion Loss (387~395 MHz)	dB	-	2	4
Ripple (387~395 MHz)	dB	-	0.3	2
Absolute Attenuation:(Reference level from 0dB)				
0.3 ~ 370 MHz	dB	35	50	-
430 ~ 700 MHz	dB	35	49	-
Source impedance Z _s	Ω	-	50	-
Load impedance Z _L	Ω	-	50	-

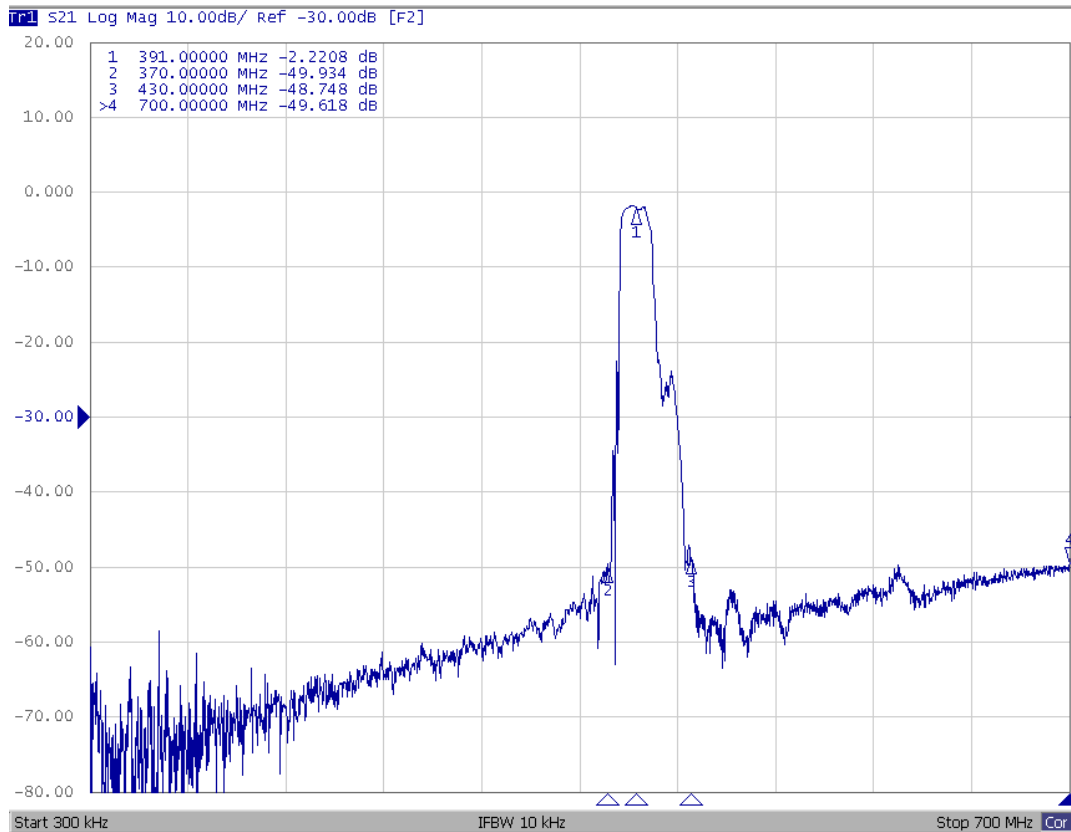
C. MEASUREMENT CIRCUIT:

HP Network analyzer

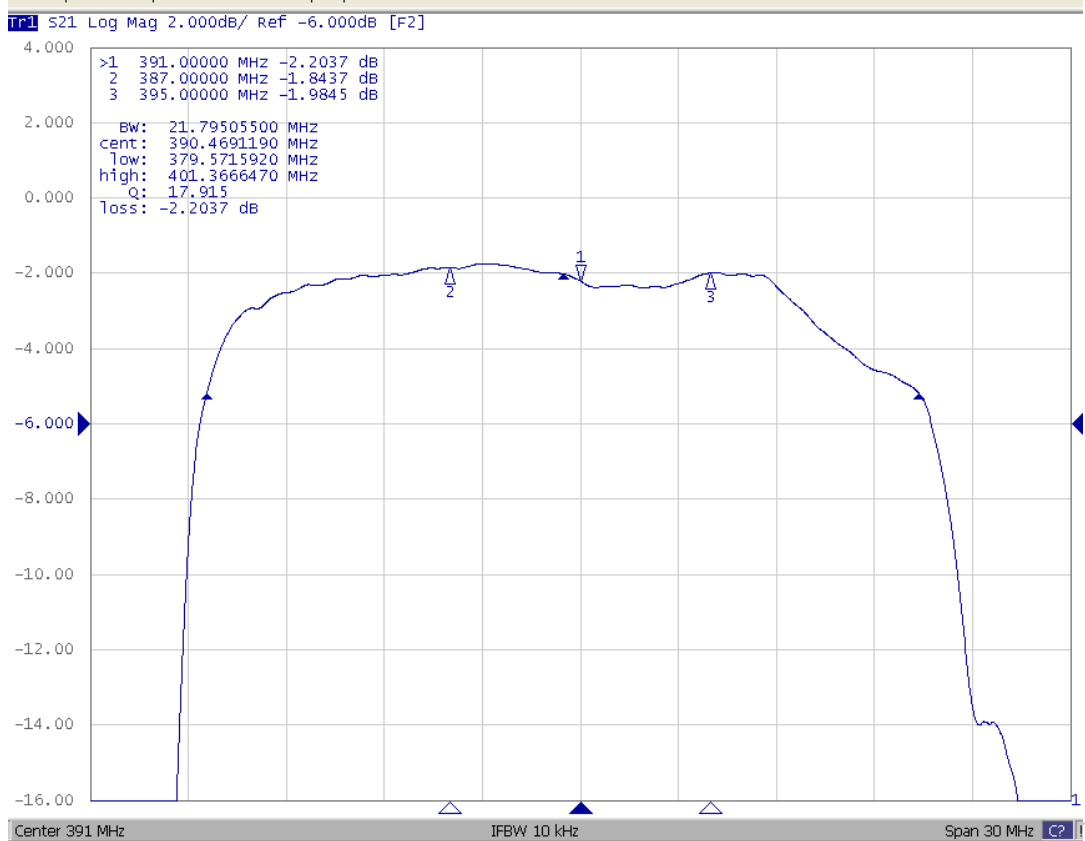


D. Frequency Characteristics :

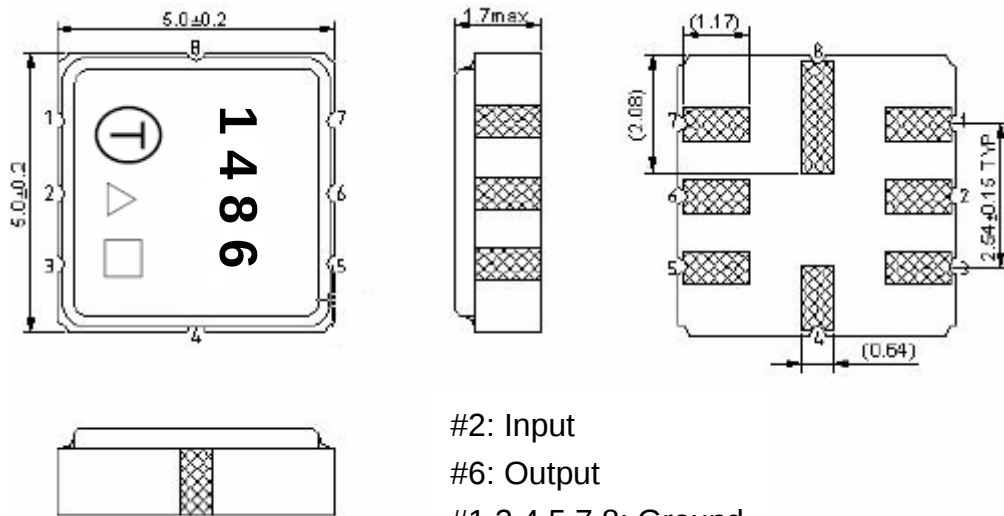
1. Wideband response



2. Narrowband response



E.OUTLINE DRAWING:



#2: Input

#6: Output

#1,3,4,5,7,8: Ground

Unit: mm

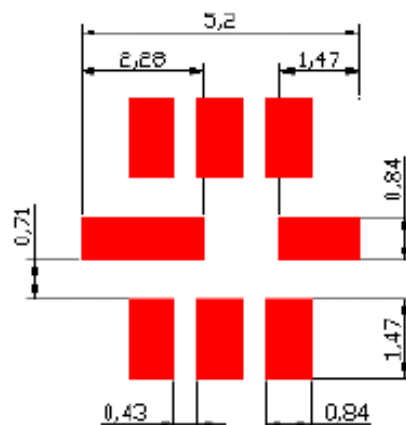
☐ Data code : See the table

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

△ Year code : See the table

Year	2009	2010	2011	2012
	2013	2014	2015	2016
Code	A	a	<u>A</u>	<u>a</u>

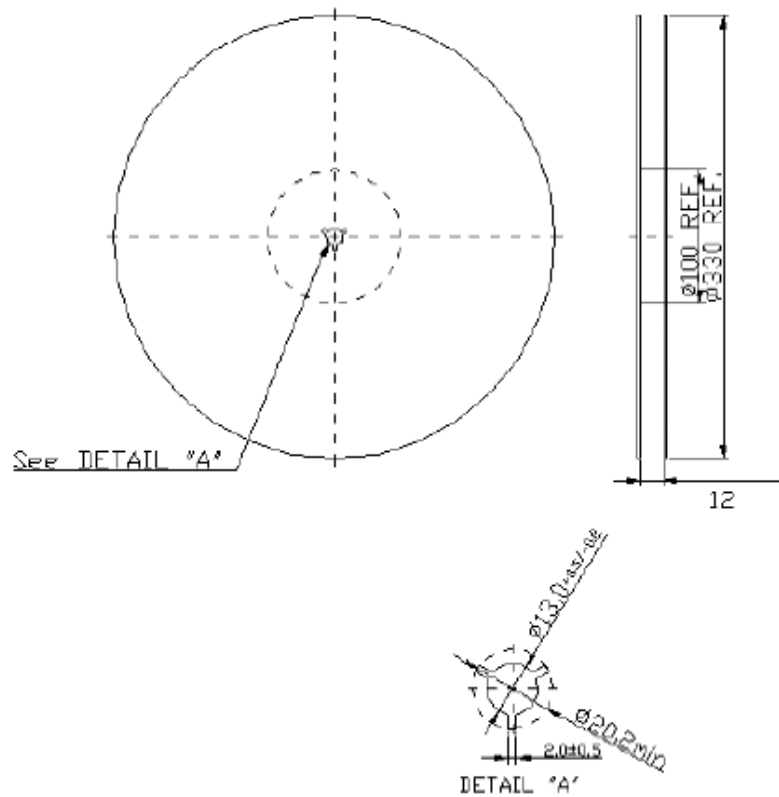
F. PCB Footprint :



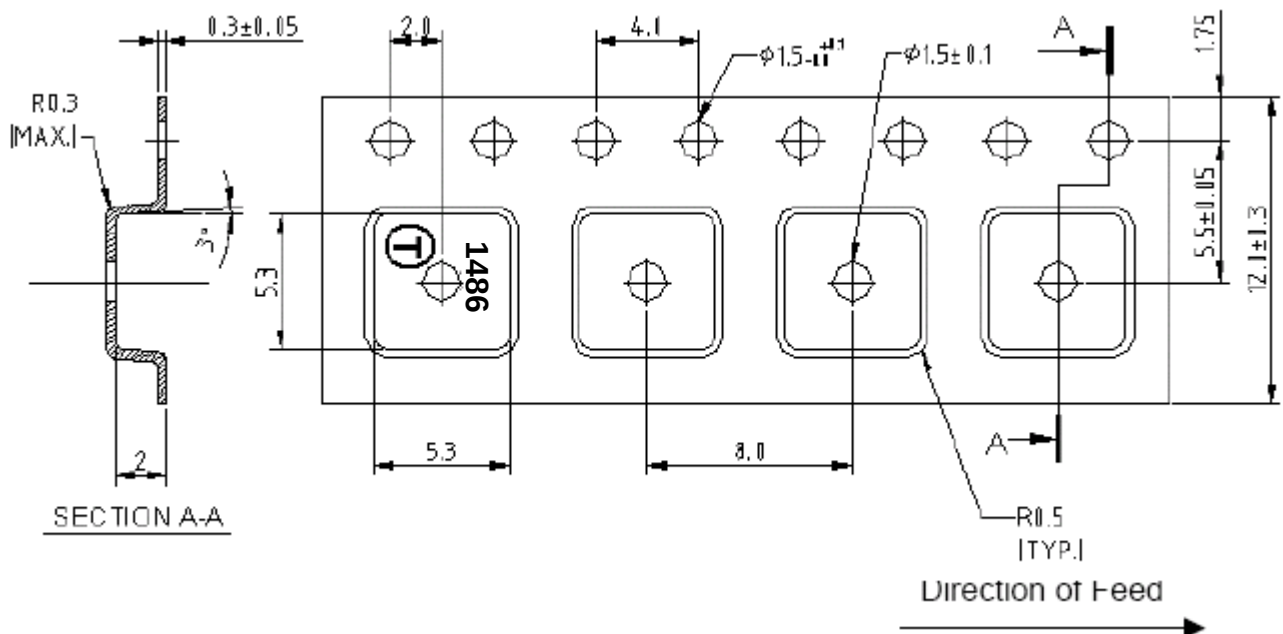
G. PACKING:

1. Reel dimension

(Reel Count : 7"=1k pcs, 13"= 3k, or per the customer's requirement)



2. Tape dimension



H. Reflow profile

