



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 602MHz SMD 3.8×3.8mm (BW=24MHz)

TST Parts No.:TA1356B

Customer Parts No.: _____


Customer signature required

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Anne Chen 

Approval by: _____ Andy Yu 

Date: _____ 2018/1/23

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 602 MHz

MODEL NO.: TA1356B

REV. NO.: 2

A. MAXIMUM RATING:

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

RoHS Compliant
Lead free
Lead-free soldering

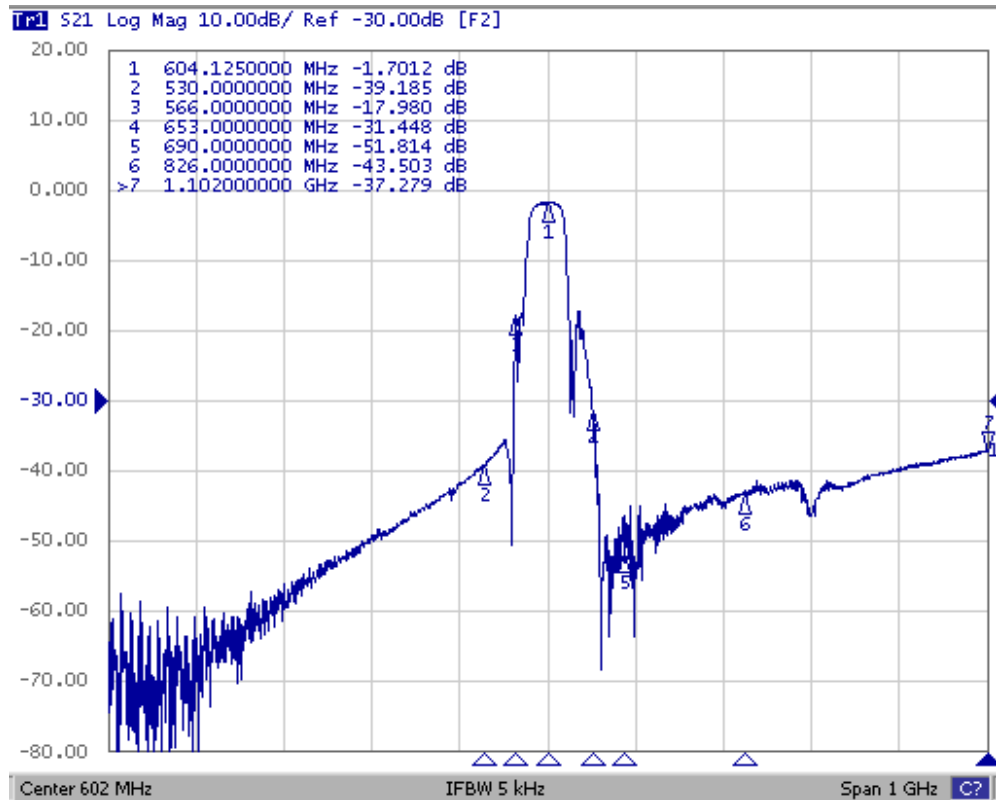
Electrostatic Sensitive Device (ESD)

B. CHARACTERISTICS:

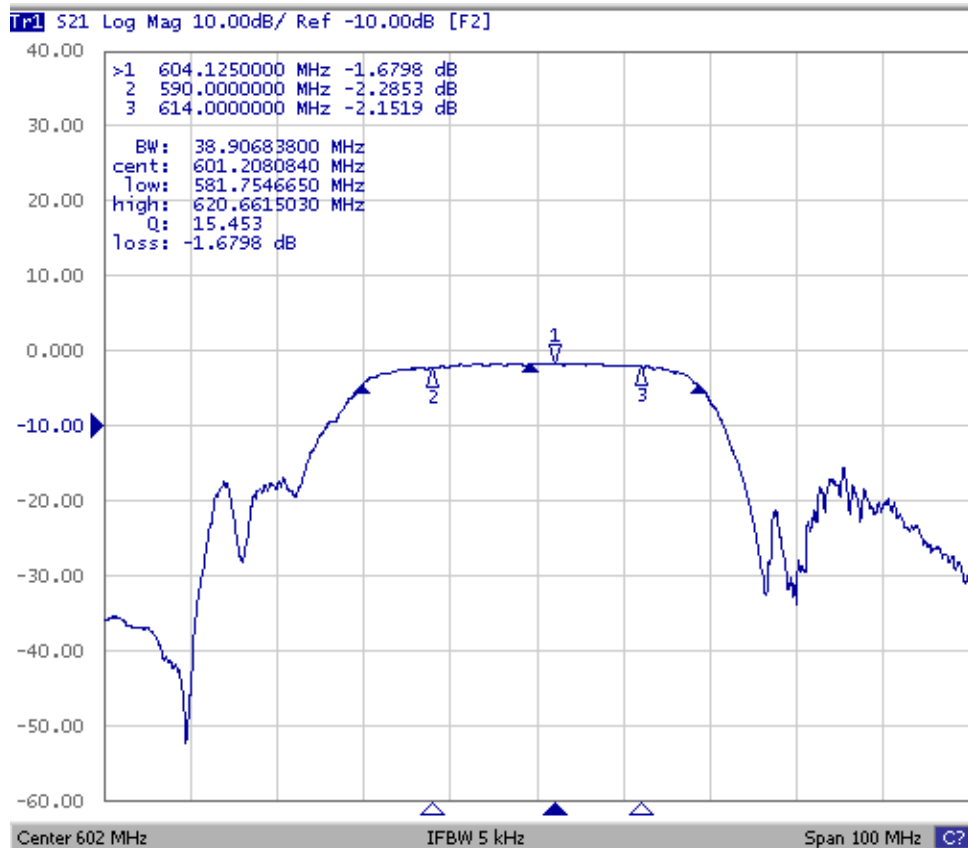
Item	Unit	Min.	Typ.	Max.
Center frequency, F _c	MHz	-	602	-
Amplitude ripple (590 ~ 614 MHz)	dB	-	0.8	2.0
Insertion loss, IL (590 ~ 614 MHz)	dB	-	2.2	3.3
Group Delay, GD (590 ~ 614 MHz)	ns	-	39	200
Bandwidth @ -3 dB		24	38.9	-
Attenuation (reference from 0dB)				
0.3 ~ 501 MHz	dB	34	39	-
501 ~ 540 MHz	dB	10	17	-
635 ~ 666 MHz	dB	10	30	-
666 ~ 876 MHz	dB	38	43	-
876 ~ 1026 MHz	dB	32	37	-
Source impedance, Z _S	Ω	-	50	-
Load impedance, Z _L	Ω	-	50	-

Note1. No matching network required for operation at 50Ω

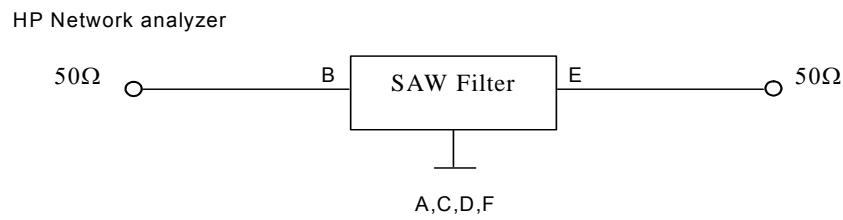
C. Transfer Function : Wideband



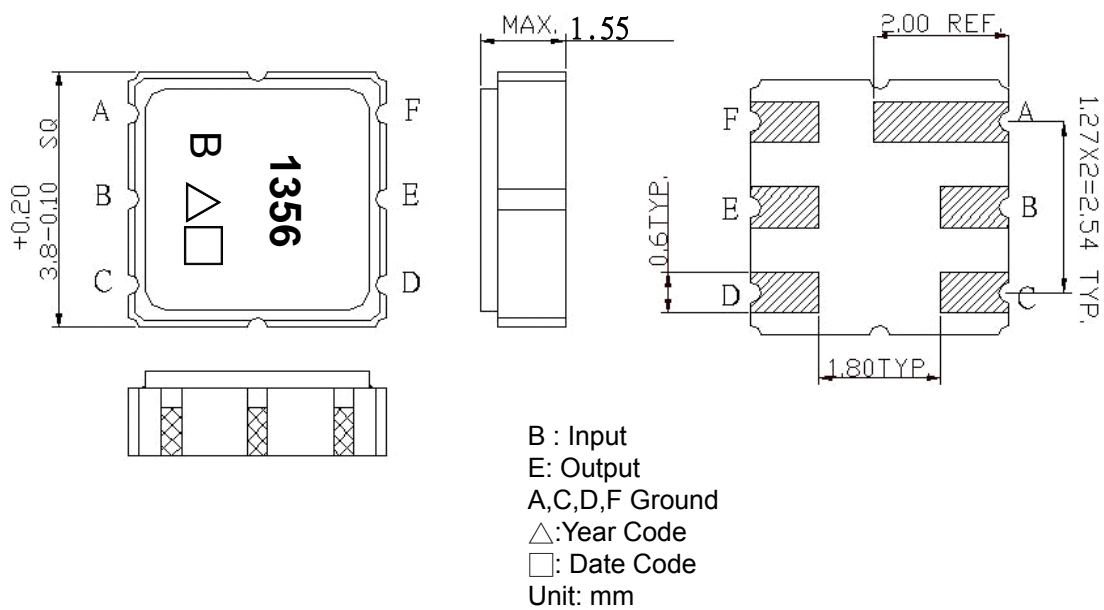
Passband



D. MEASUREMENT CIRCUIT:



E.OUTLINE DRAWING:



△ Year code : See the table

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

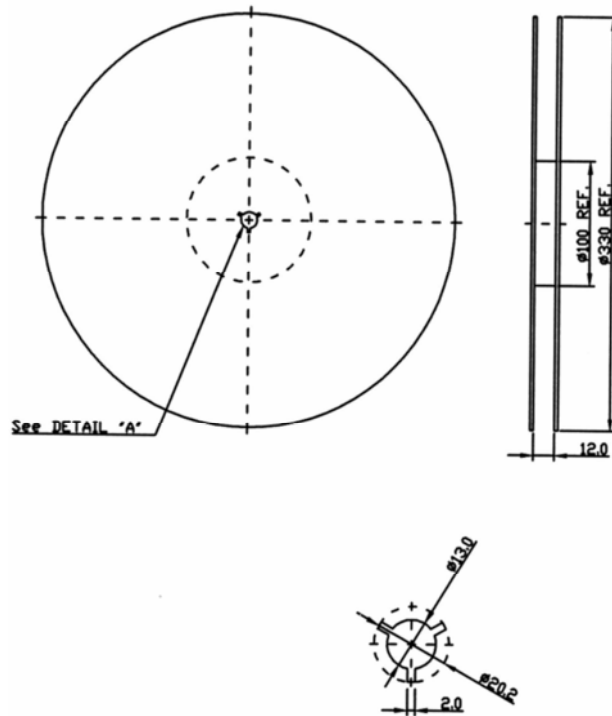
□ : Data code : See the table

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

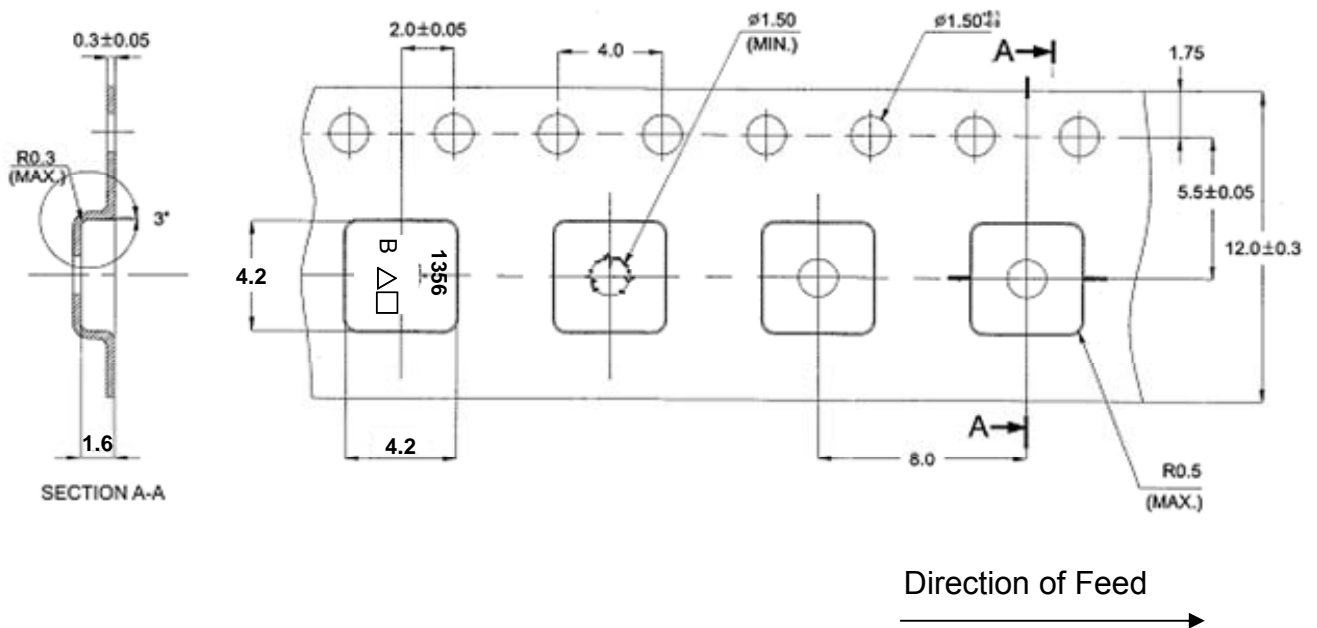
F. PACKING:

1. REEL DIMENSION

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



2. TAPE DIMENSION



G. 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.

