



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 Specifications Approval Sheet


Product Description: SAW Filter 1350 MHz SMD 3.0x3.0 mm (BW=42 MHz)

TST Part No.: TA0332B

Customer Part No.: _____

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

Checked by: _____ David Chang 張閱智

Approved by: _____ Bob Chau 

Date: _____ 2013/04/15

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 1350 MHz

MODEL NO.: TA0332B

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 3 V
3. Operating Temperature: -25°C to +85°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

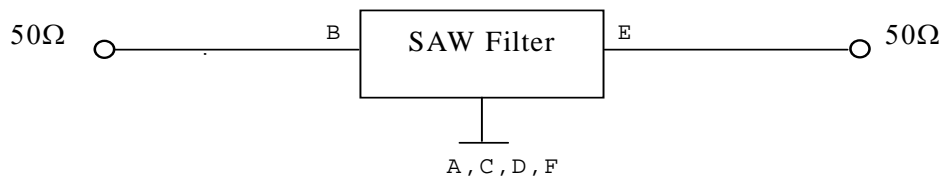
Electrostatic Sensitive Device (ESD)

B. ELECTRICAL CHARACTERISTICS:

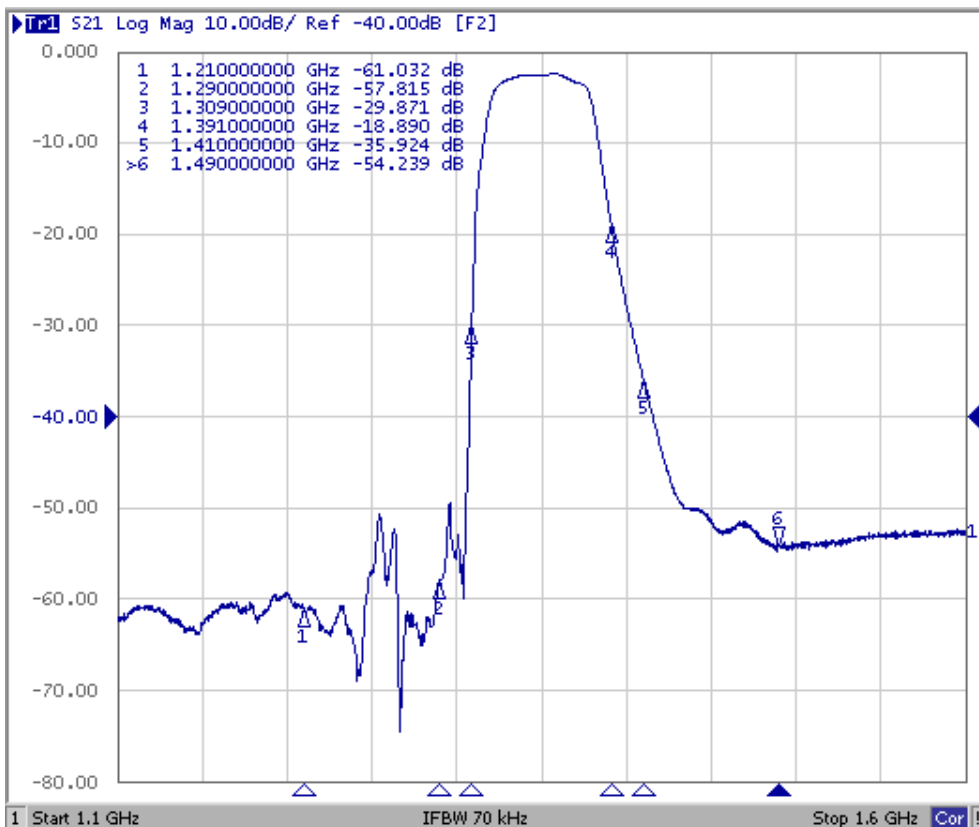
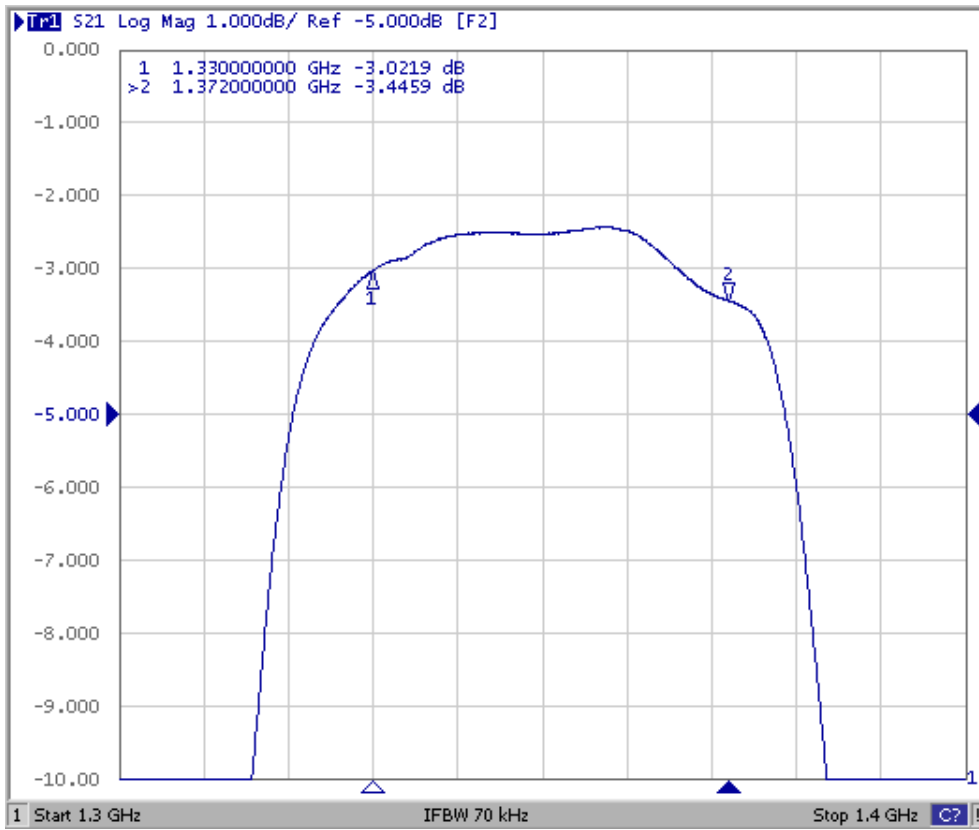
Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	1350	-
Insertion Loss (1330 ~1372 MHz) IL	dB	-	3.4	4.5
Absolute Group delay 1350 MHz	ns	-	20	50
Group delay variation (1330 ~1372 MHz)	ns	-	10	30
Phase variation (1330 ~1372 MHz)	Deg	-	5.5	15
Amplitude Ripple (1330 ~1372 MHz)	dB	-	1.0	1.8
Attenuation (Reference from 0dB)				
Fc-41 MHz	dB	10	30	-
Fc+41 MHz	dB	10	18	-
Fc-60 MHz	dB	30	57	-
Fc+60 MHz	dB	26	35	-
Fc-140 MHz	dB	30	60	-
Fc+140 MHz	dB	30	54	-
Fc-250 MHz	dB	38	62	-
Fc+250 MHz	dB	38	52	-
Temperature Coefficient of Frequency TCR	ppm/	-	-36	-

C. MEASUREMENT CIRCUIT:

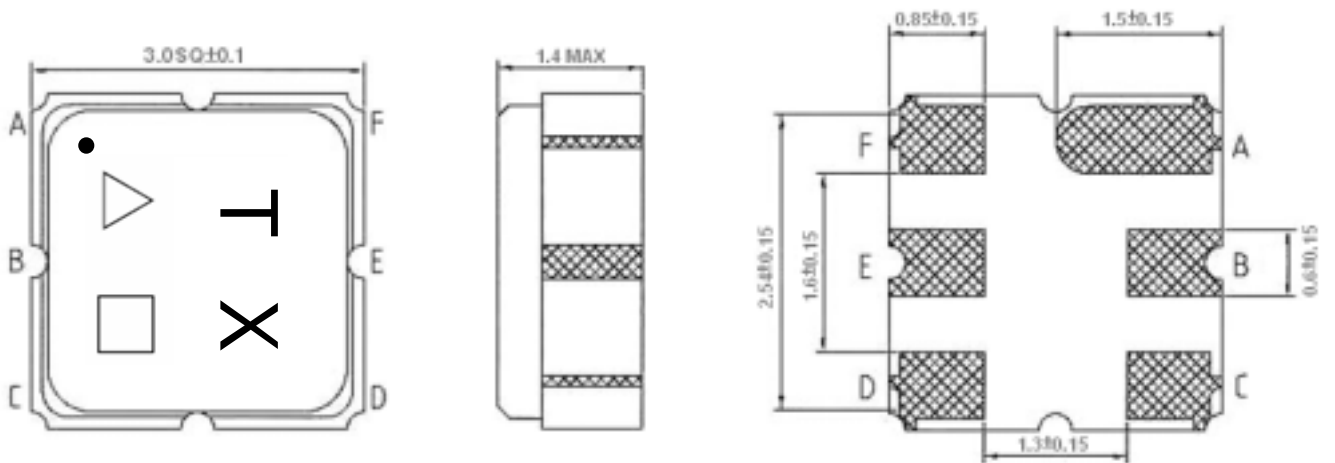
HP Network analyzer



D. Frequency Characteristics:



E. OUTLINE DRAWING:



B: Input

E: Output

A, C, D, F: Ground

Unit: mm

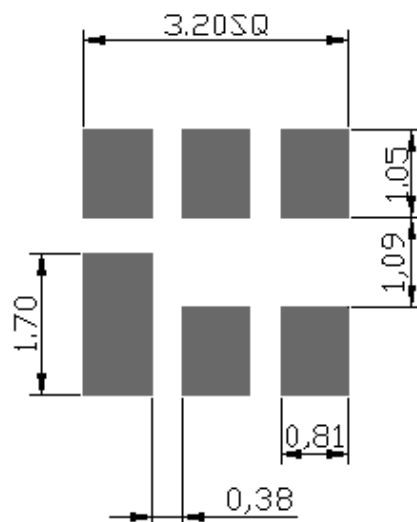
: Year Code (2011->1, 2012->2, ..., 2019->9, 2020->0)

: Date Code

Date Code 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

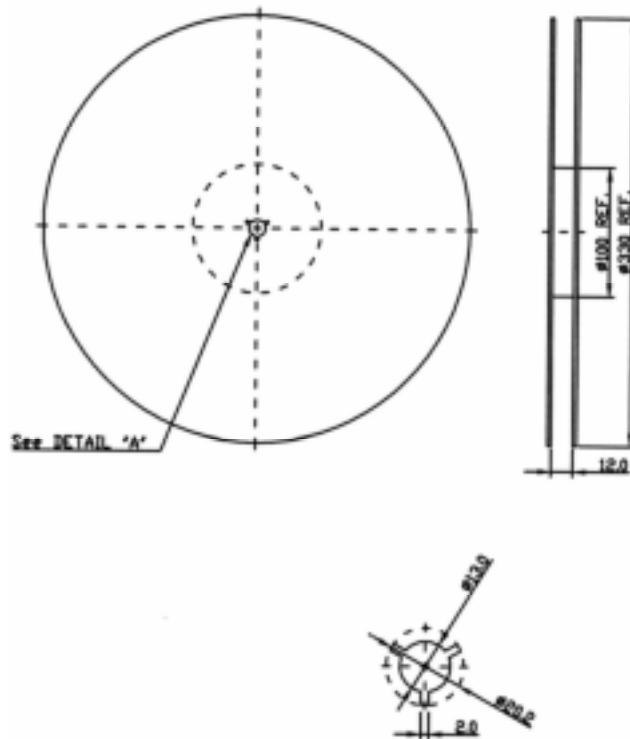
F. PCB Footprint:



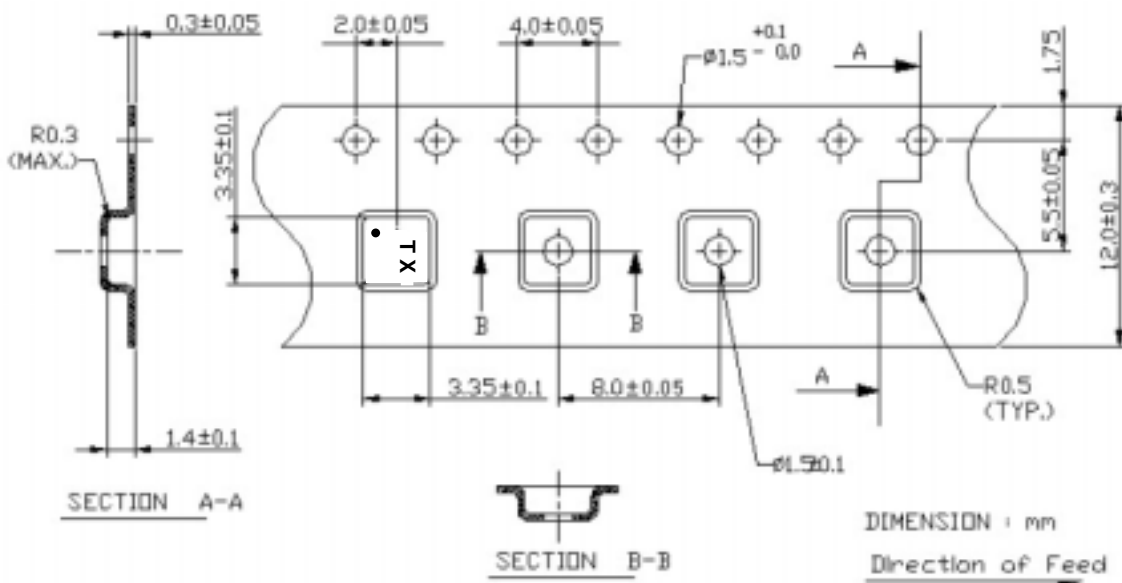
G. PACKING:

1. REEL DIMENSION

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



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE:

