



TAI-SAW TECHNOLOGY CO., LTD.

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

Product Name: SAW Filter 960 MHz SMD 3.0X3.0 mm

TST Parts No.: TA0564B

Customer Parts No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Justin Wu *Justin*

Approval by: _____ Francis Chen *Francis*

Date: _____ 2012/08/16

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 960MHz

MODEL NO.:TA0564B

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
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

B. ELECTRICAL CHARACTERISTICS:

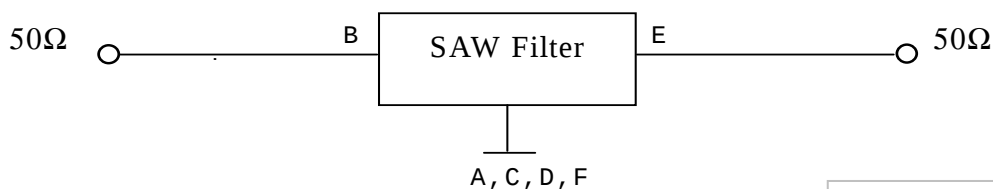
Terminating source impedance(single ended): $Z_S = 50 \Omega$

Terminating load impedance(single ended): $Z_L = 50 \Omega$

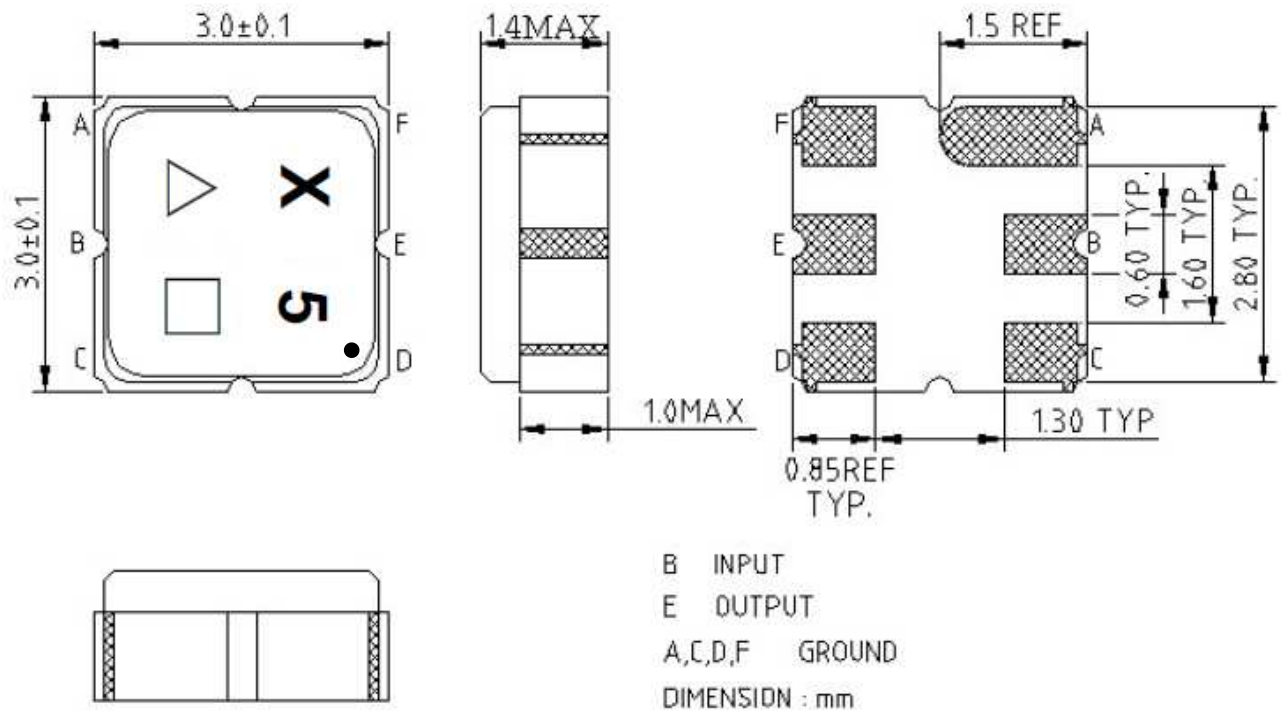
Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	960	-	-
Insertion Loss (942 ~ 978 MHz) IL	dB	-	2.8	4.5	-
Amplitude Ripple (942 ~ 978 MHz)	dB	-	1.5	2.8	-
Return Loss (942 ~ 978 MHz)	dB	8	14	-	-
Attenuation (reference level from IL)					
D.C. ~ 890 MHz	dB	40	53	-	-
890 ~ 906 MHz	dB	35	51	-	-
906 ~ 924 MHz	dB	30	47	-	-
1030 ~ 1045 MHz	dB	28	41	-	-
1045 ~ 1055 MHz	dB	35	54	-	-
1055 ~ 1500 MHz	dB	39	57	-	-
1500 ~ 2200 MHz	dB	30	42	-	-
Temperature Coefficient of Frequency	ppm/°C		-36		

C. MEASUREMENT CIRCUIT:

HP Network analyzer



D.OUTLINE DRAWING:



△ : Year Code (2006->6, ..., 2009->9)
□ : Date Code (Follow the table from planner each year)

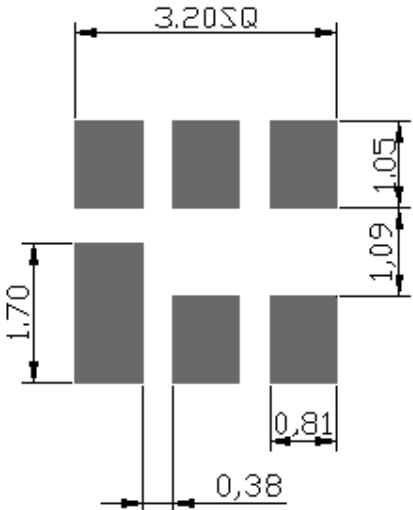
□ Data code : See the table

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

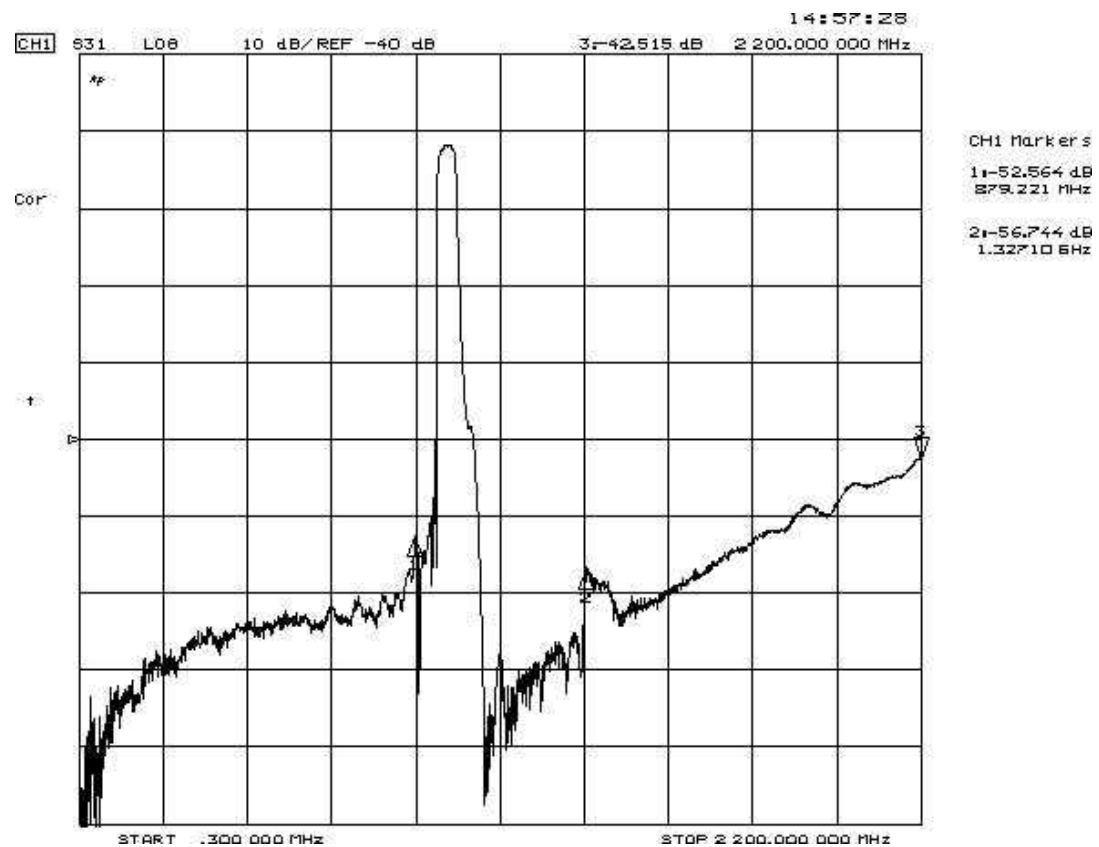
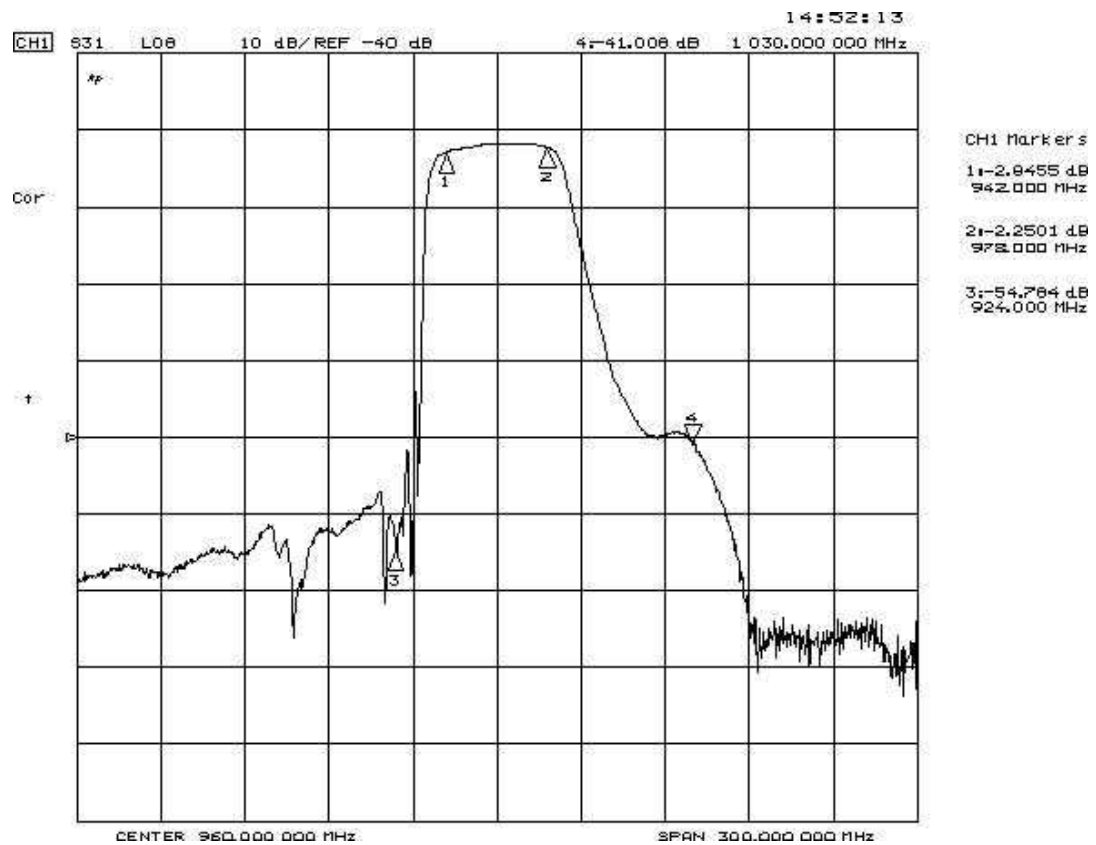
△ Year code : See the table

Year	2008	2009	2010	2011	...	2019	2020
Code	8	9	0	1	...	9	0

E. PCB Footprint

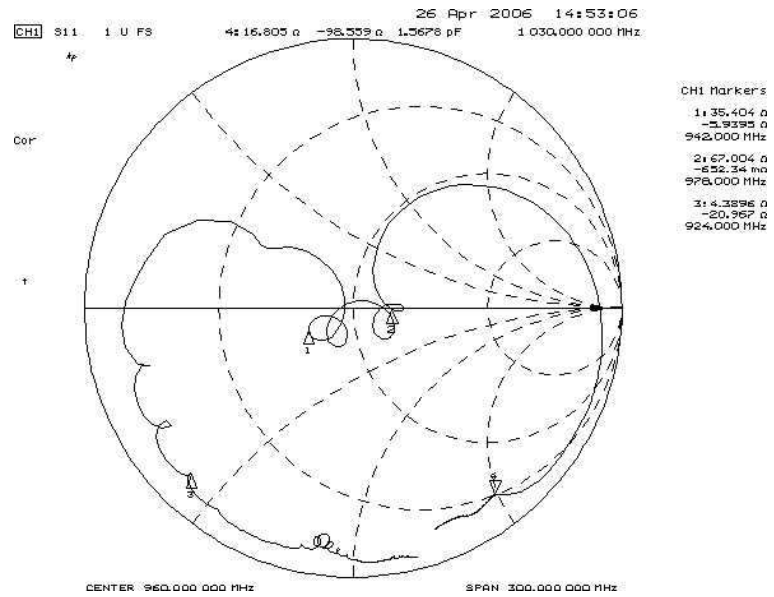
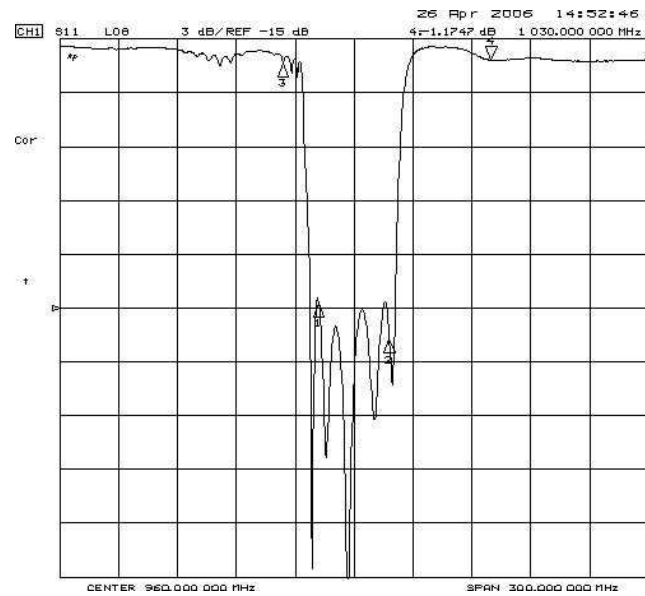


F. Frequency Characteristics :

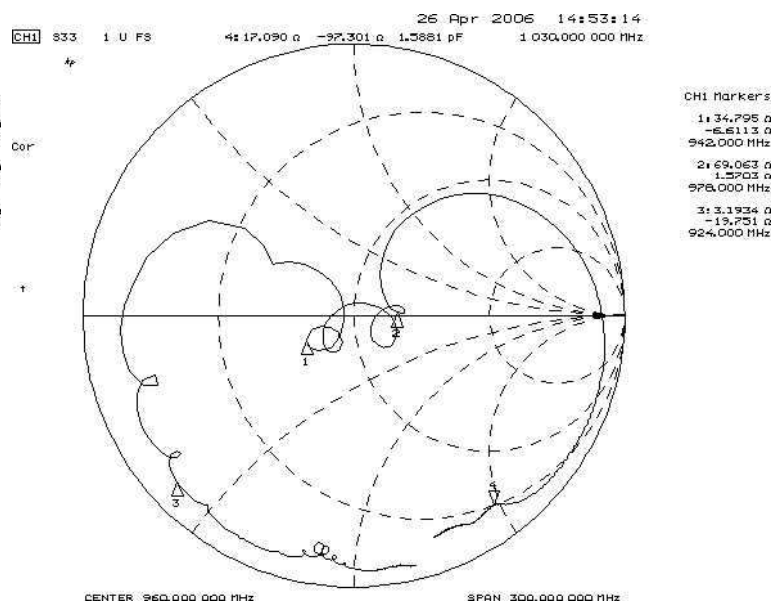
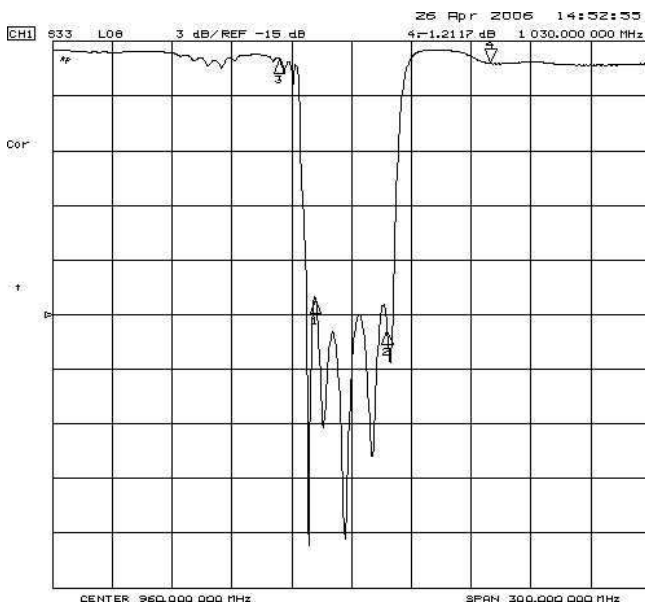


Reflections Functions :

S11 VSWR



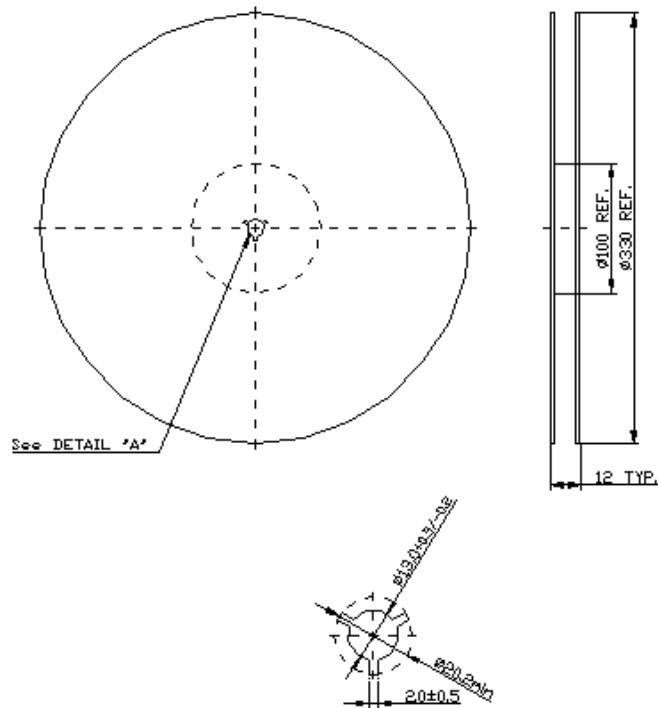
S22 VSWR



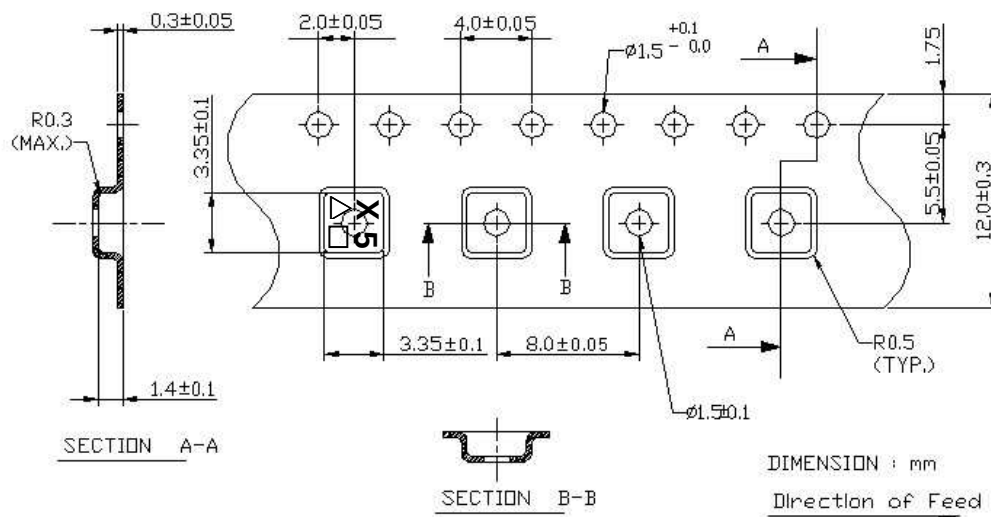
G. PACKING:

1. REEL DIMENSION

(Reel Count : 7"=1000 ; 13"=3000)



2.TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

