



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 1737.5 MHz SMD 3.0X3.0 mm (BW=55MHz)

TST Part No.: TA1488A

Customer Part No.: _____

Customer signature required

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Kevin *Kevin*

Approved by: _____ Francis Chen *Francis Chen*

Date: _____ 5/11/2012

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.



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

SAW Filter 1737.5MHz

MODEL NO.:TA1488A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -20℃ to +70℃
4. Storage Temperature: -40℃ to +85℃

RoHS Compliant
Lead free
Lead-free soldering

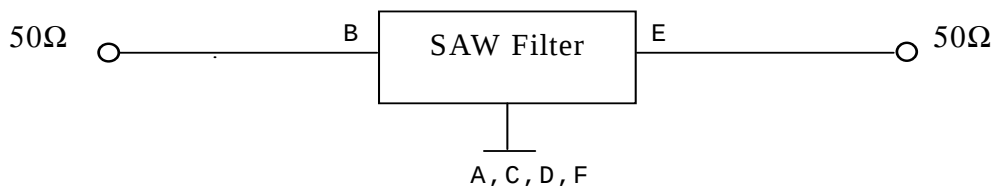
Electrostatic Sensitive Device (ESD)

B. ELECTRICAL CHARACTERISTICS:

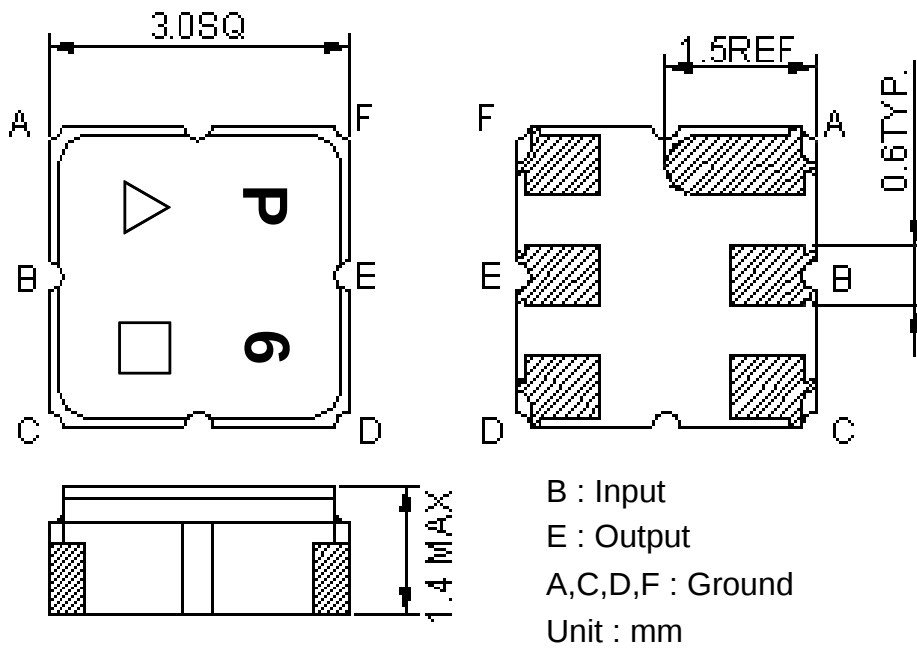
Item	Unit	Min.	Typ.	Max.
Center frequency, Fc	MHz	-	1737.5	-
Insertion loss, IL (1710 ~ 1765 MHz)	dB	-	1.5	4
Amplitude ripple (1710 ~ 1765 MHz)	dB	-	1	2.5
Attenuation (reference from 0dB)				
0.3 ~ 1650 MHz	dB	15	25	-
1900 ~ 3000 MHz	dB	15	25	-
Source impedance Z_S	Ω	-	50	-
Load impedance Z_L	Ω	-	50	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



D.OUTLINE DRAWING:



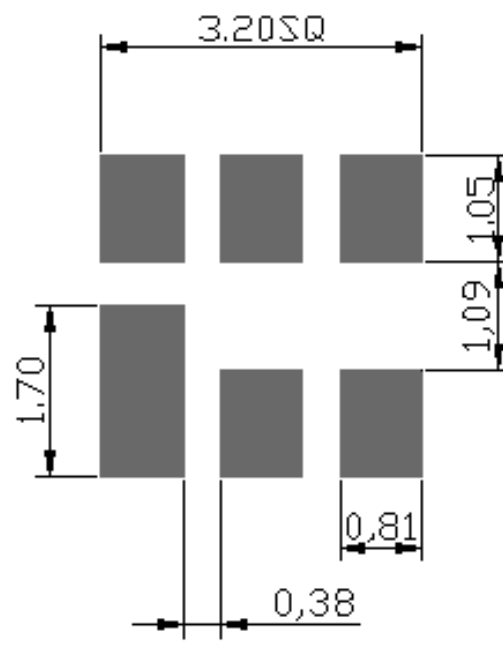
△ : Year Code:

Year	2012	2013	2014	...	2018	2019	2020
Year Code	2	3	4	...	8	9	0

□ : Data code : See the table

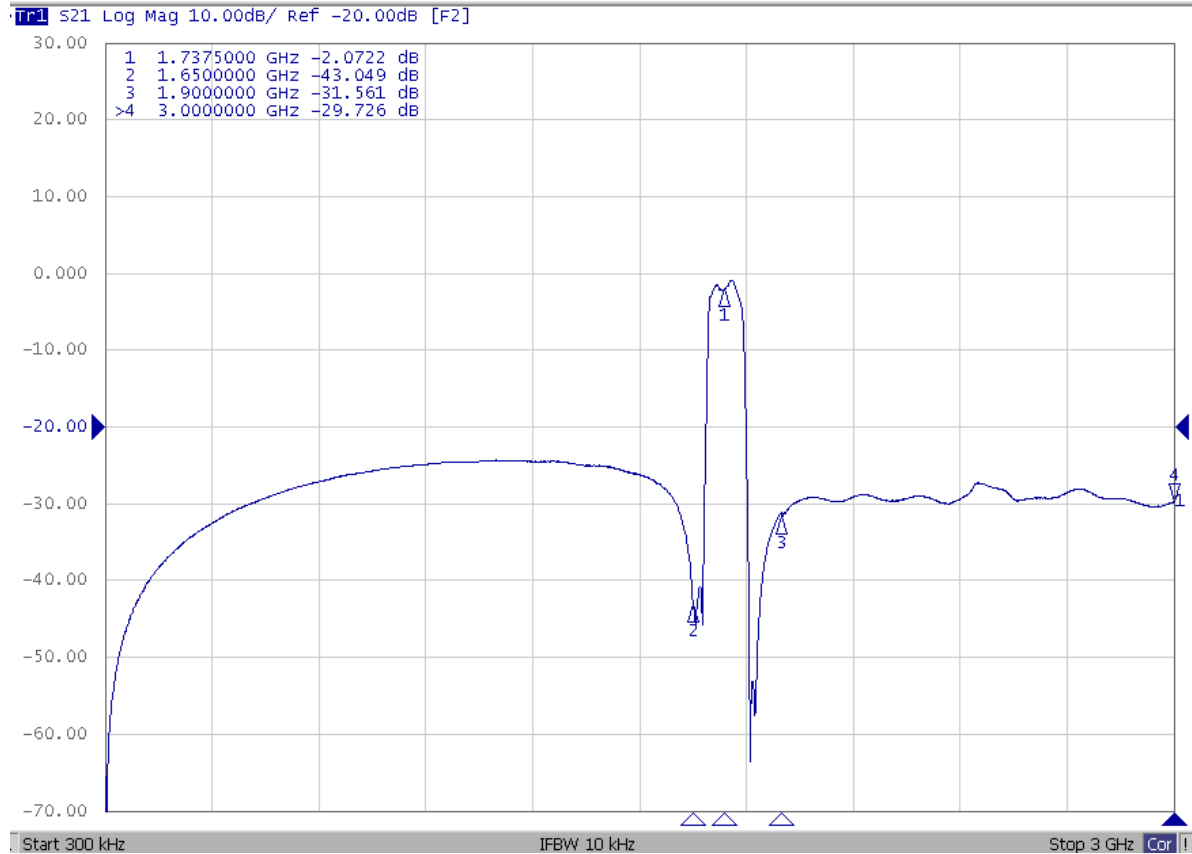
WK01	WK02	WK03	WK04	WK05	WK06	WK07	WK08	WK09	WK10	WK11	WK12	WK13
A	B	C	D	E	F	G	H	I	J	K	L	M
WK14	WK15	WK16	WK17	WK18	WK19	WK20	WK21	WK22	WK23	WK24	WK25	WK26
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
WK27	WK28	WK29	WK30	WK31	WK32	WK33	WK34	WK35	WK36	WK37	WK38	WK39
a	b	c	d	e	f	g	h	i	j	k	l	m
WK40	WK41	WK42	WK43	WK44	WK45	WK46	WK47	WK48	WK49	WK50	WK51	WK52
n	o	p	q	r	s	t	u	v	w	x	y	z

E. PCB Footprint:

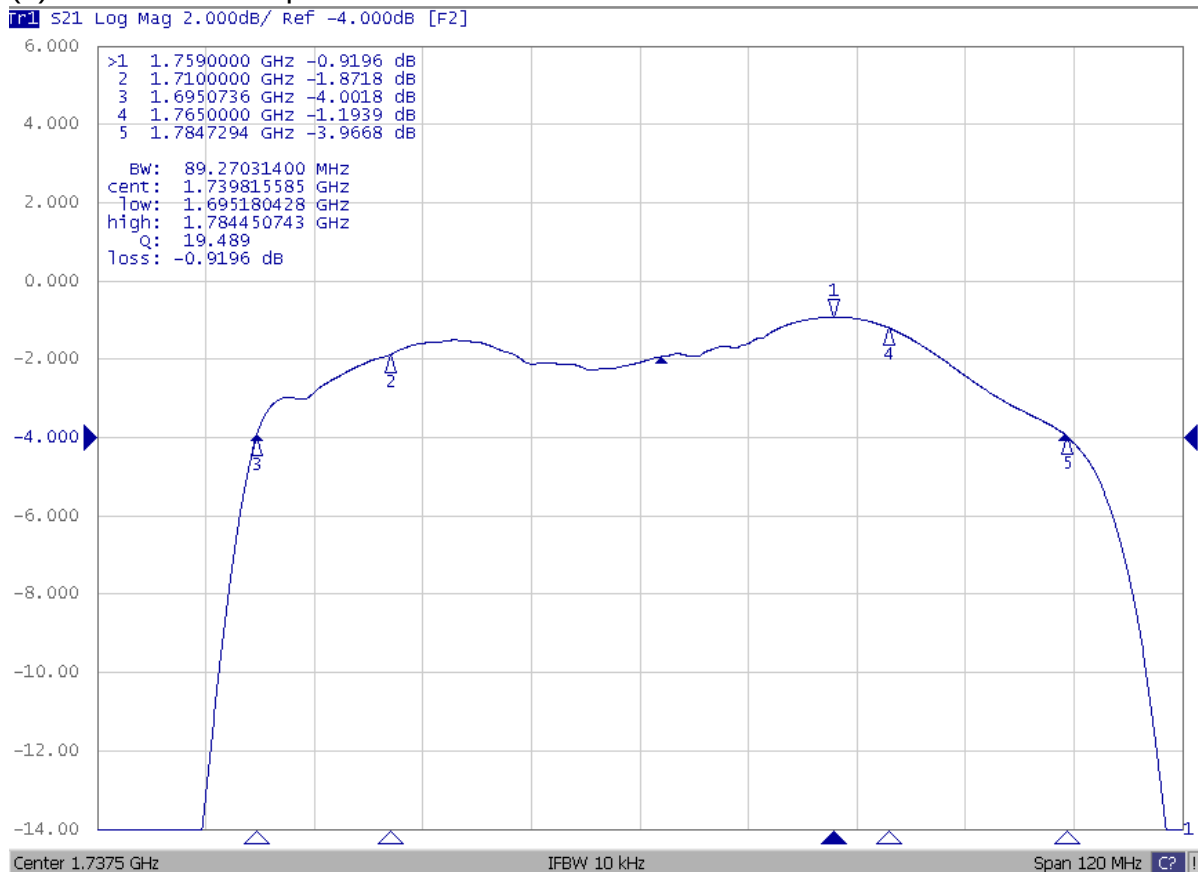


F. Frequency Characteristics :

(1) Wideband response:



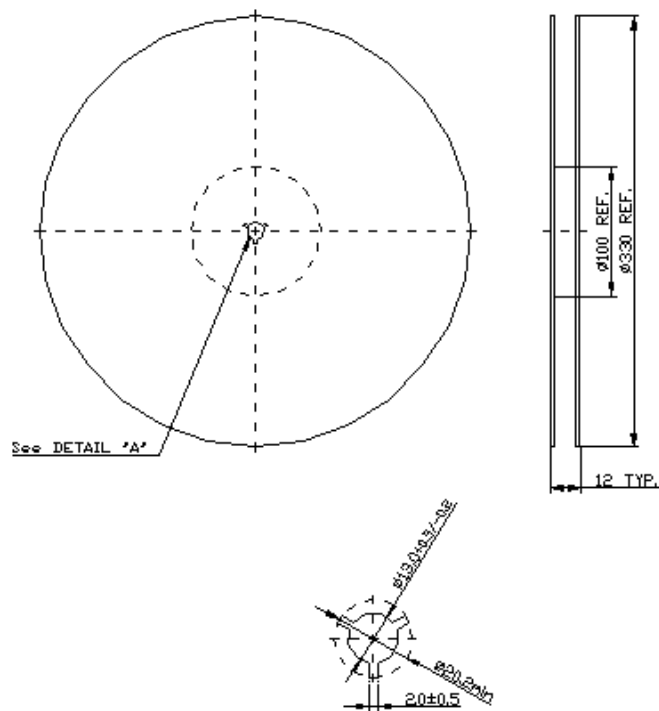
(2) Narrowband response:



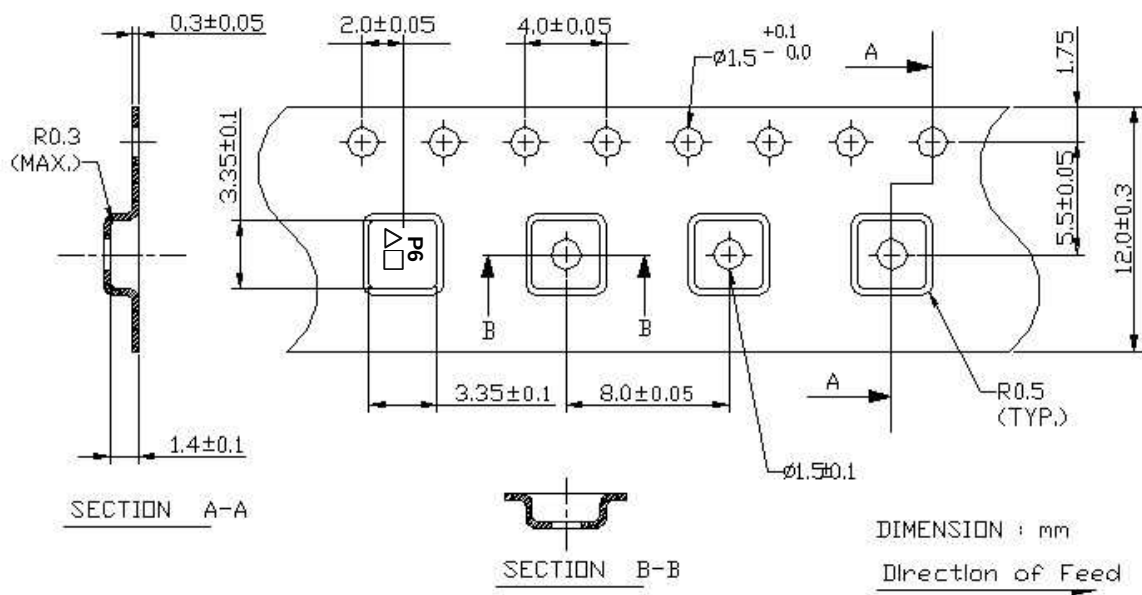
G. PACKING:

1. REEL DIMENSION

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



2.TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

