



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: ttsales@mail.taisaw.com Web: www.taisaw.com

Product Specifications Approval Sheet

Product Name: SAW Filter 948MHz SMD 3.8×3.8mm (BW=8MHz)

TST Parts No.:TA1388A

Customer Parts No.:_____

Customer signature required

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____ Kevin 

Approval by:_____ Francis Chen 

Date:_____ 2011/08/15

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.



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

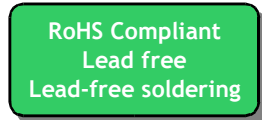
SAW Filter 948 MHz

MODEL NO.: TA1388A

REV. NO.: 1

A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 3 V
3. Operating Temperature: -30°C to 60°C
4. Storage Temperature: -40°C to +85°C



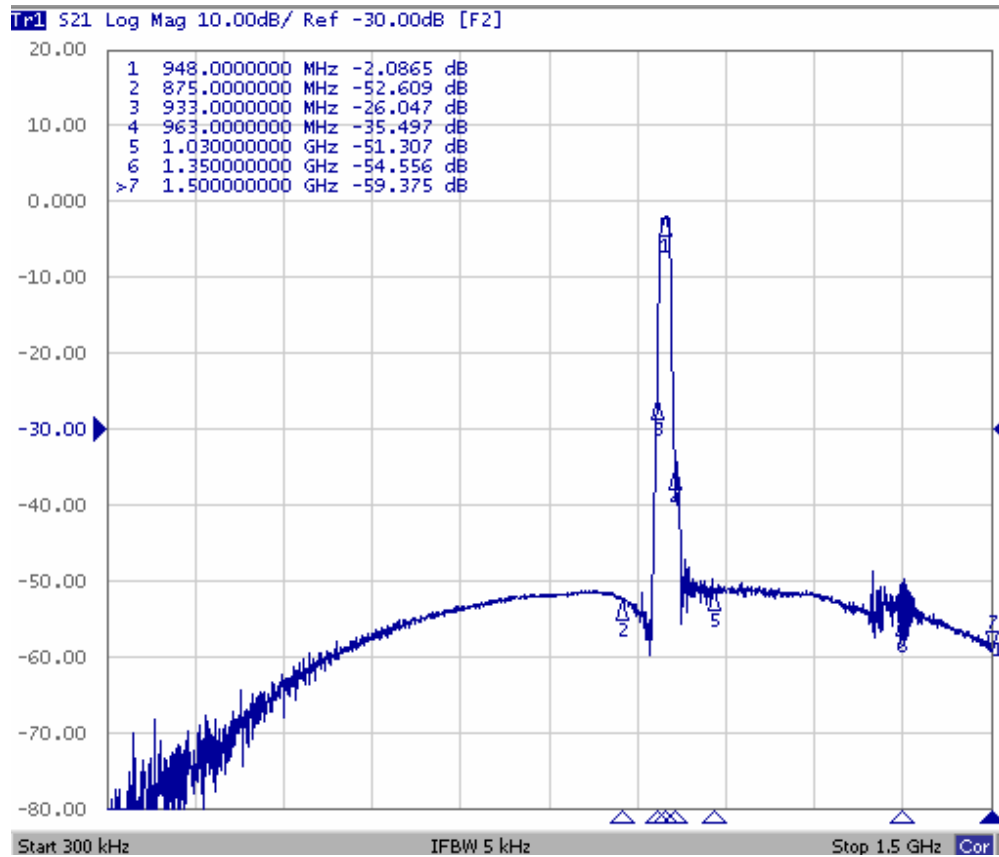
Electrostatic Sensitive Device (ESD)

B. CHARACTERISTICS:

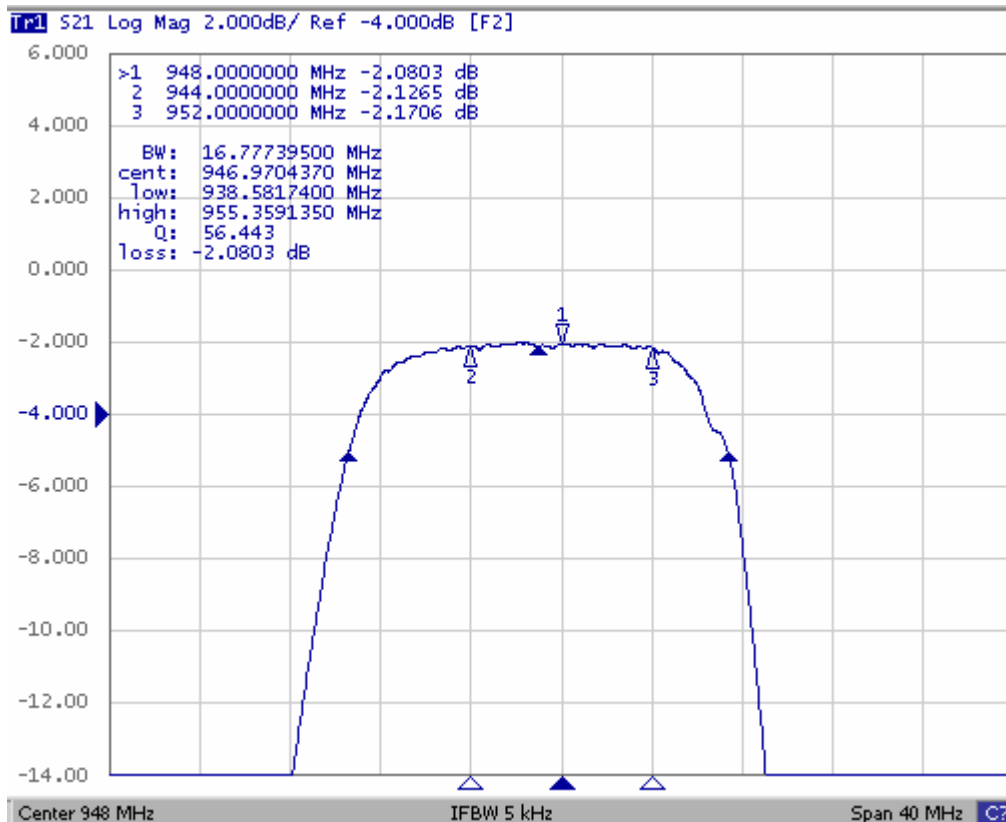
Item	Unit	Min.	Typ.	Max.
Center frequency, Fc	MHz	-	948	-
Amplitude ripple (944 ~ 952 MHz)	dB	-	0.3	1.5
Insertion loss, IL (944 ~ 952 MHz)	dB	-	2.3	3.0
Group delay, GD (944 ~ 952 MHz)	ns		40	200
3dB Bandwidth	MHz	8	17	-
Attenuation (reference from 0dB)				
0.3 ~ 875 MHz	dB	40	59	-
875 ~ 933 MHz	dB	10	26	-
963 ~ 1030 MHz	dB	10	31	-
1030 ~ 1350 MHz	dB	40	68	-
1350 ~ 1500 MHz	dB	40	46	-
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

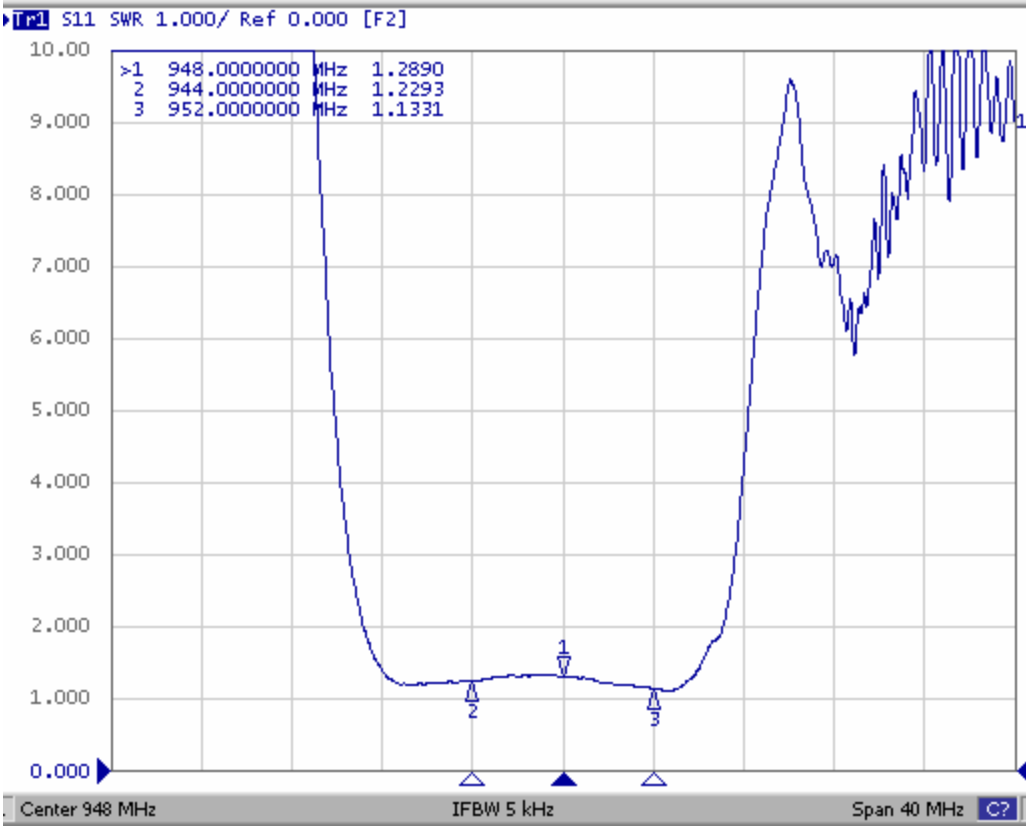


Passband

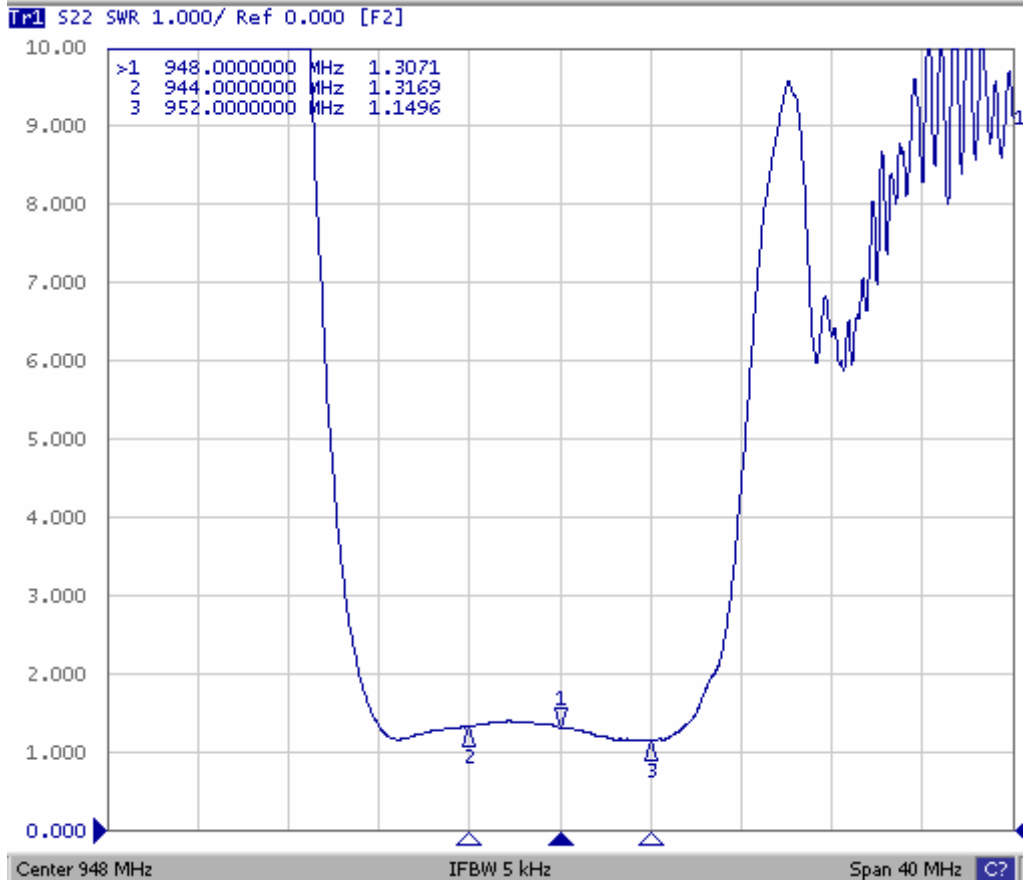


VSWR

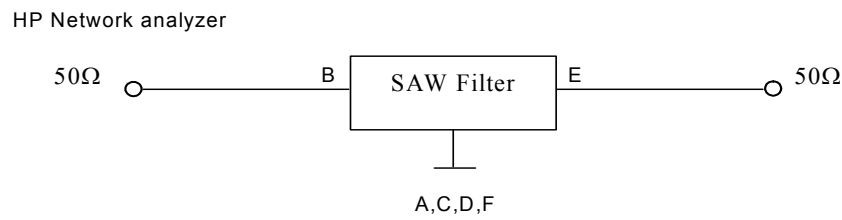
|S11|



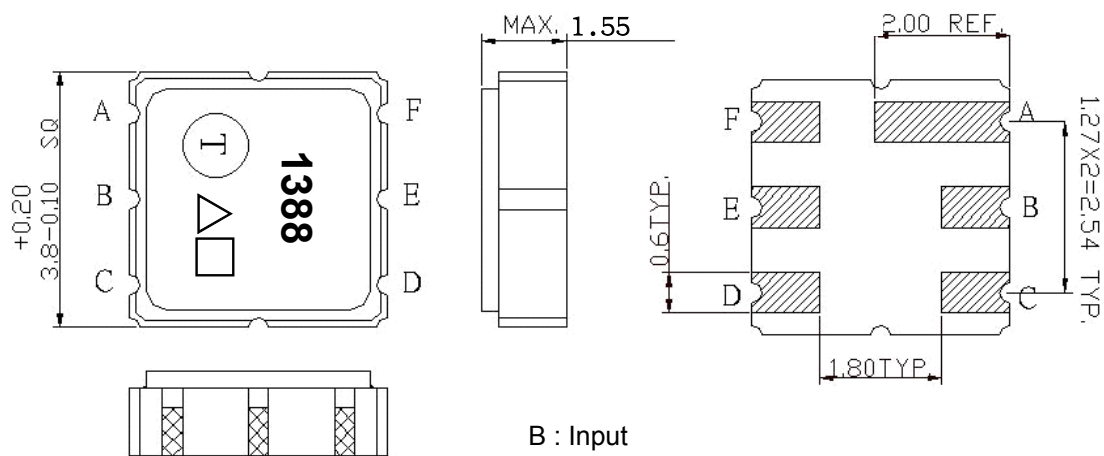
|S22|



D. MEASUREMENT CIRCUIT:



E.OUTLINE DRAWING:



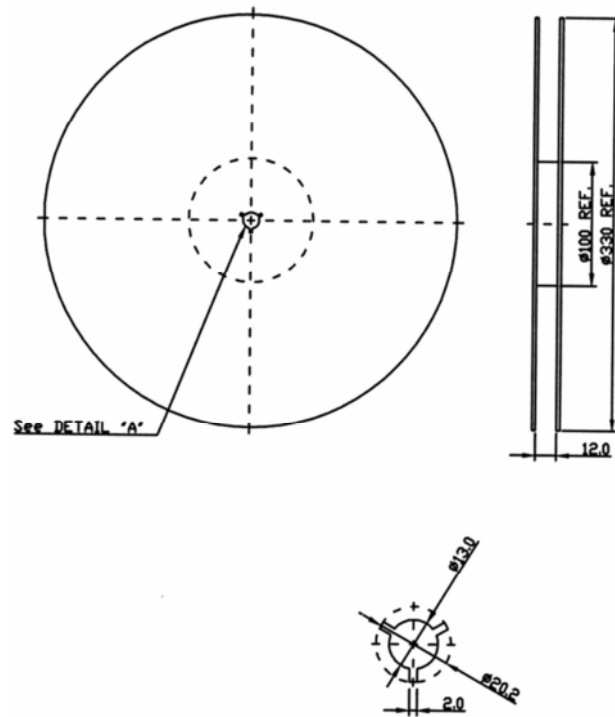
B : Input
 E: Output
 A,C,D,F Ground
 △:Year Code
 □: Date Code(Follow the table provided by planner each year.)
 Unit: mm

△ Product Year Code

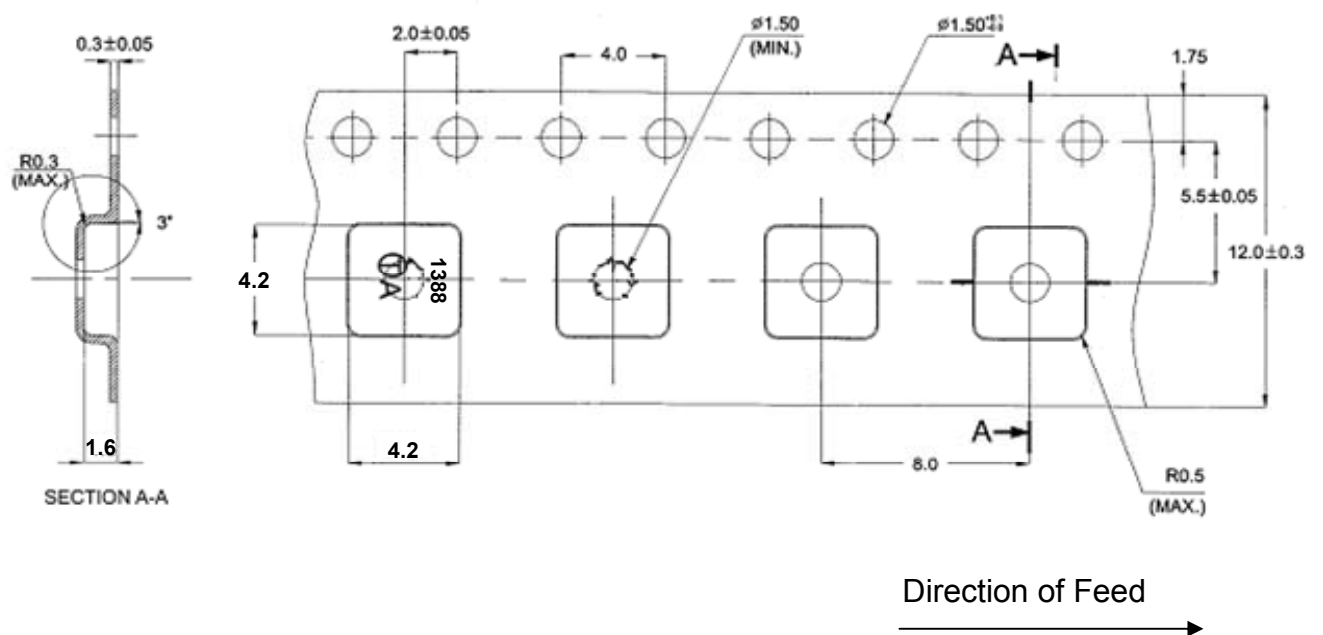
Year	2011	2012
	2013	2014
	2015	2016
	.	.
Product Code	A	a

F. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

