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 Name: SAW Filter 704MHz SMD 3.8×3.8mm (BW=24MHz)

TST Parts No.:TA1360A

Customer Parts No.:_____

Customer signature required

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by: Kevin

Approval by: Francis Chen

Date: 2011/07/18

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 704 MHz

MODEL NO.: TA1360A REV. NO.: 1

A. MAXIMUM RATING:

1.Input Power Level: 10 dB_m

2.DC voltage: 5 V

3.Operating Temperature: -30°C to 60°C

4.Storage Temperature: -40°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

Electrostatic **S**ensitive **D**evice (**ESD**)

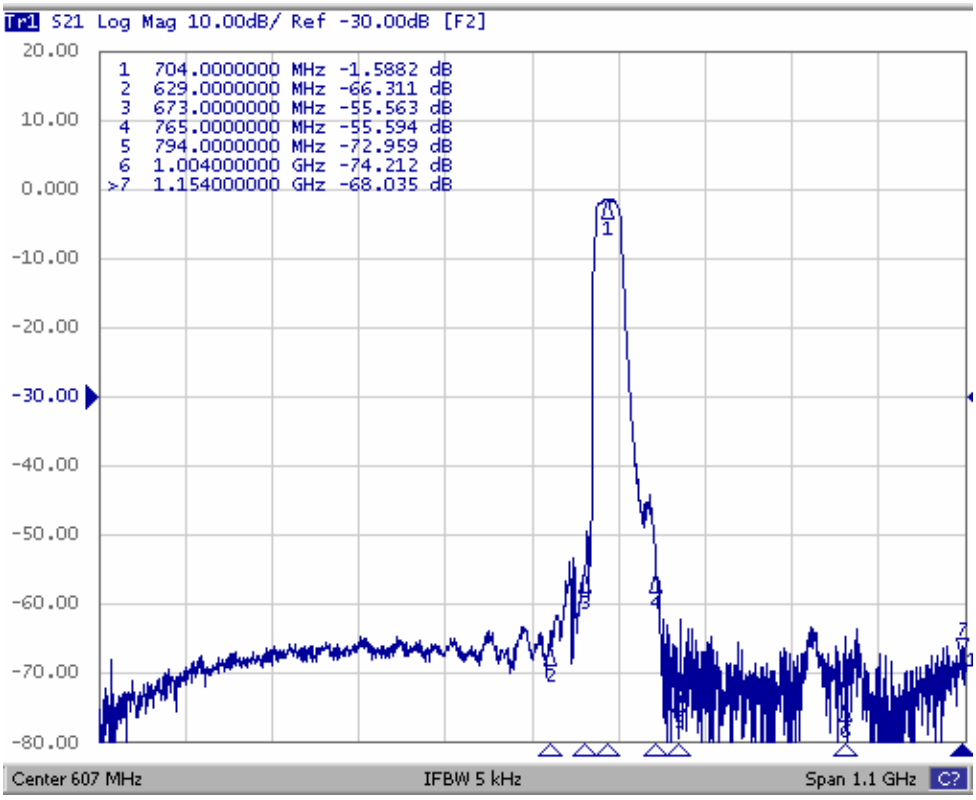
B. CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency, Fc	MHz	-	704	-
Amplitude ripple (692 ~ 716 MHz)	dB	-	1.3	1.7
Insertion loss, IL (692 ~ 716 MHz)	dB	-	2.3	3.0
Group Delay, GD (692 ~ 716 MHz)	ns	-	63	200
Bandwidth @ -3 dB		24	30	-
Attenuation (reference from 0dB)				
0.3 ~ 629 MHz	dB	40	65	-
629 ~ 673 MHz	dB	10	55	-
765 ~ 794 MHz	dB	10	55	-
794 ~ 1004 MHz	dB	40	65	-
1004 ~ 1154 MHz	dB	50	64	-
Source impedance, Z_S	Ω	-	50	-
Load impedance, Z_L	Ω	-	50	-

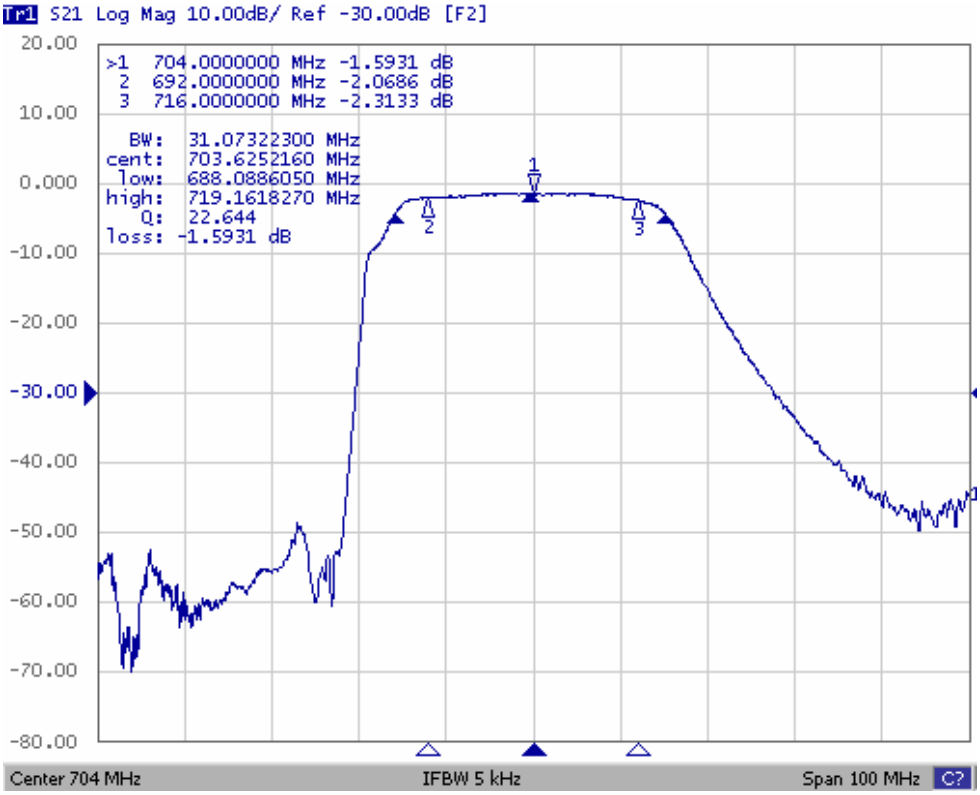
Note1. No matching network required for operation at 50Ω

C. Transfer Function :

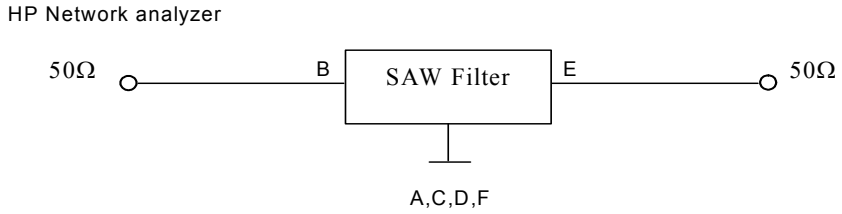
Wideband



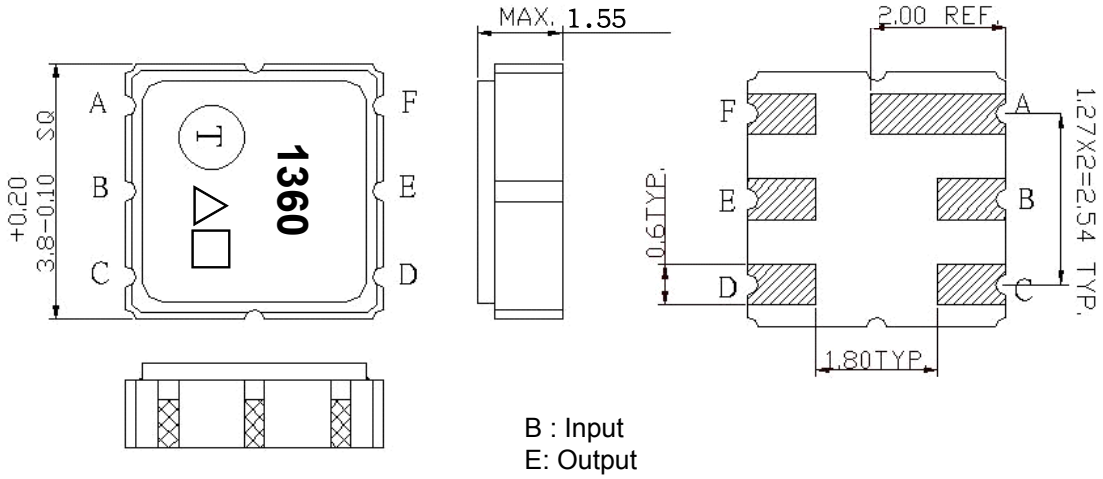
Passband



D. MEASUREMENT CIRCUIT:



E.OUTLINE DRAWING:



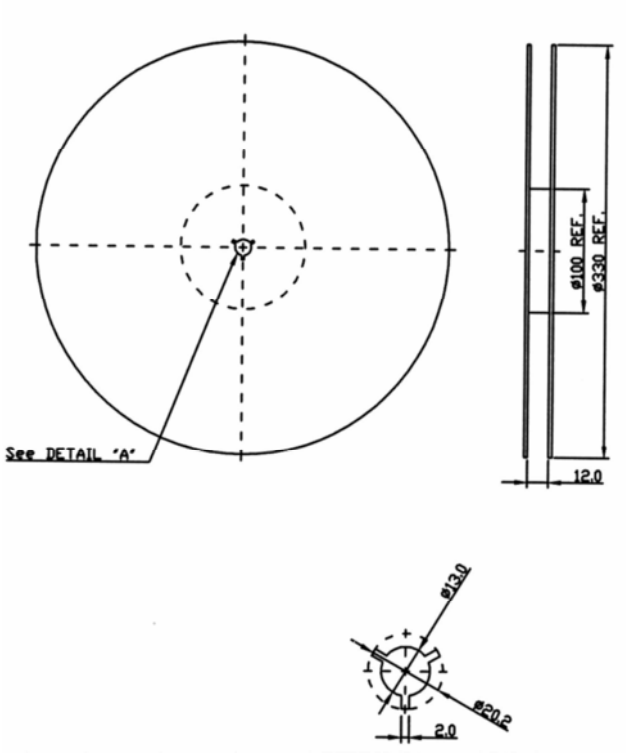
B : Input
E: Output
A,C,D,F Ground
△:Year Code
□: Date Code(Follow the table provided by planner each year.)
Unit: mm

△ Product Year Code

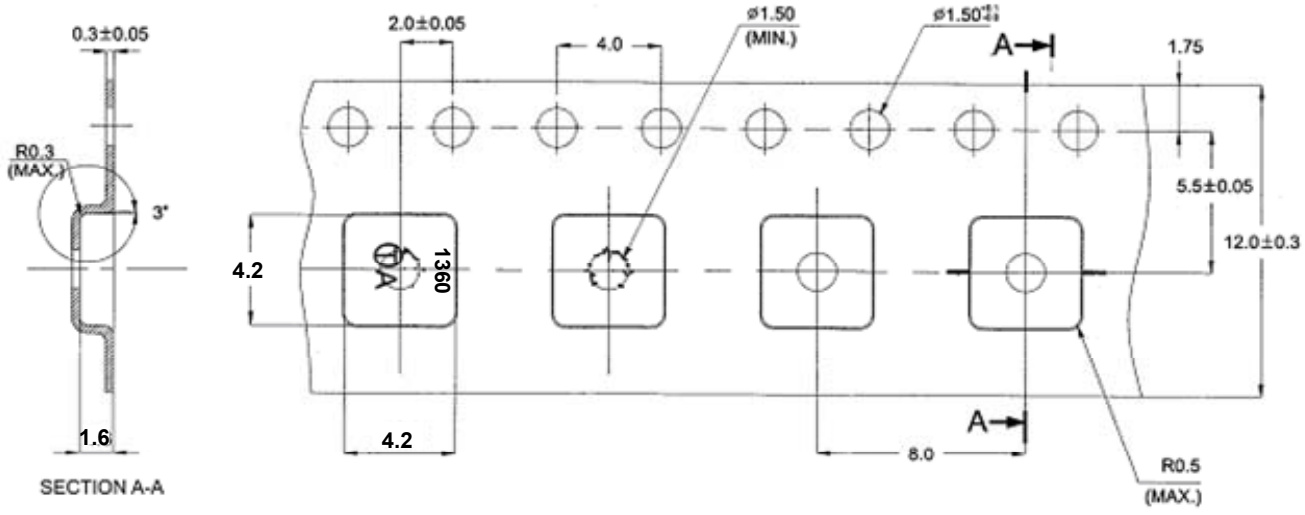
Year	2011 2013 2015 .	2012 2014 2016 .
Product Code	A	a

F. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

