



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

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Product Specifications Approval Sheet

Product Description: SAW Filter 865 MHz SMD 3.8x3.8 mm

TST Part No.: TA1305A

Customer Part No.: _____

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

Checked by: _____ David Chang 張閔智

Approved by: _____ Francis Chen 110 2

Date: _____ 2011/01/12

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 865 MHz

MODEL NO.:TA1305A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 10 V
3. Operating Temperature: -30°C to +70°C
4. Storage Temperature: -40°C to +85°C

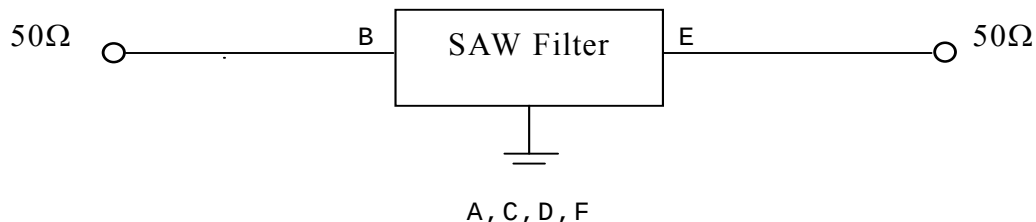
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

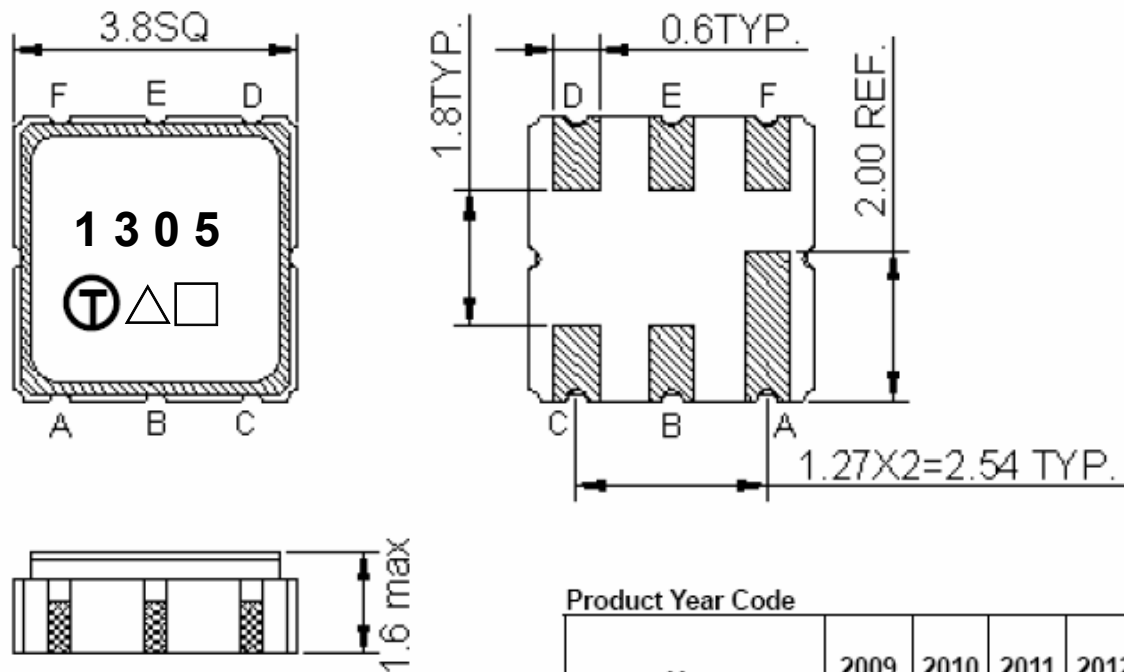
Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	865	-
Insertion loss (863.5~866.5 MHz) IL	dB	-	2.9	4
Amplitude Ripple (863.5~866.5 MHz)	dB	-	0.2	1.2
Attenuation (Reference level from 0 dB)				
830 ~ 840 MHz	dB	45	51	-
880 ~ 890 MHz	dB	35	41	-
Temperature Coefficient of Frequency	Ppm/℃	-	-36	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



D. OUTLINE DRAWING:



Product Year Code

Year	2009 2013	2010 2014	2011 2015	2012 2016
Product Code	A	a	A	a

B: Input

E: Output

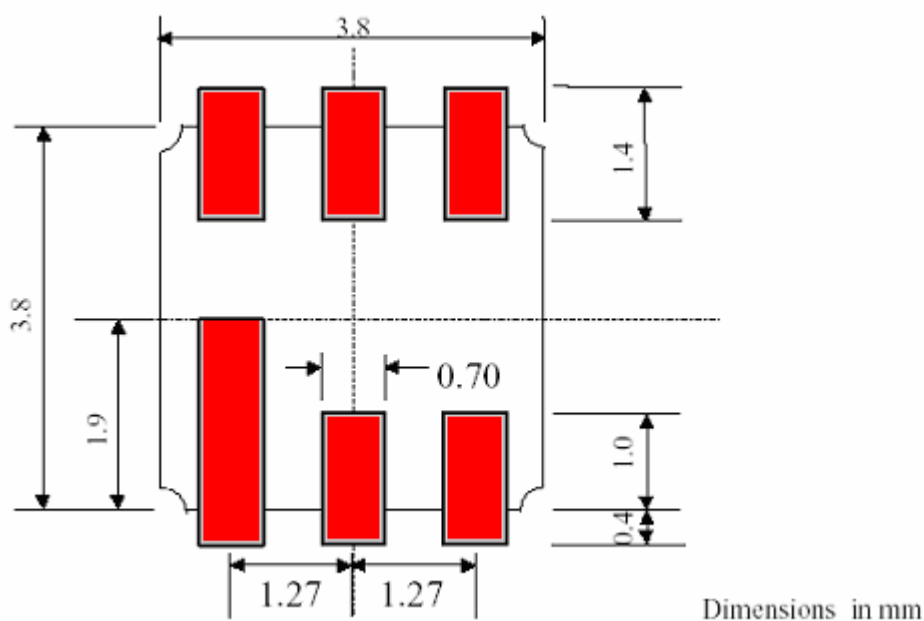
A,C,D,F: Ground

△: Year Code

□: Date Code(Follow the table provided by planner each year.)

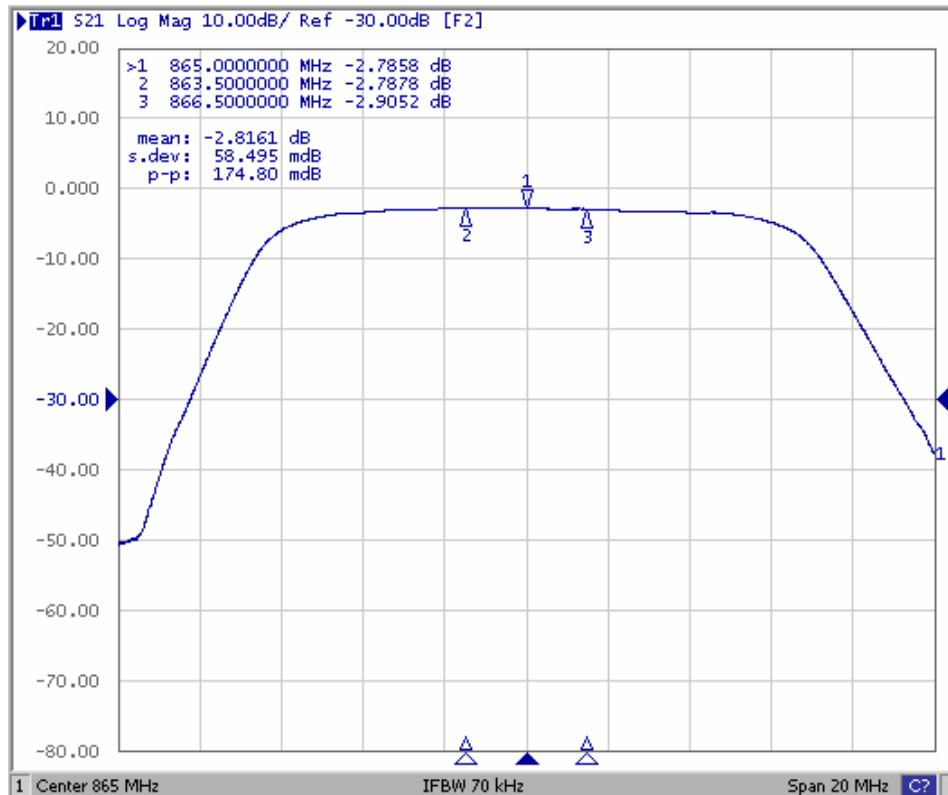
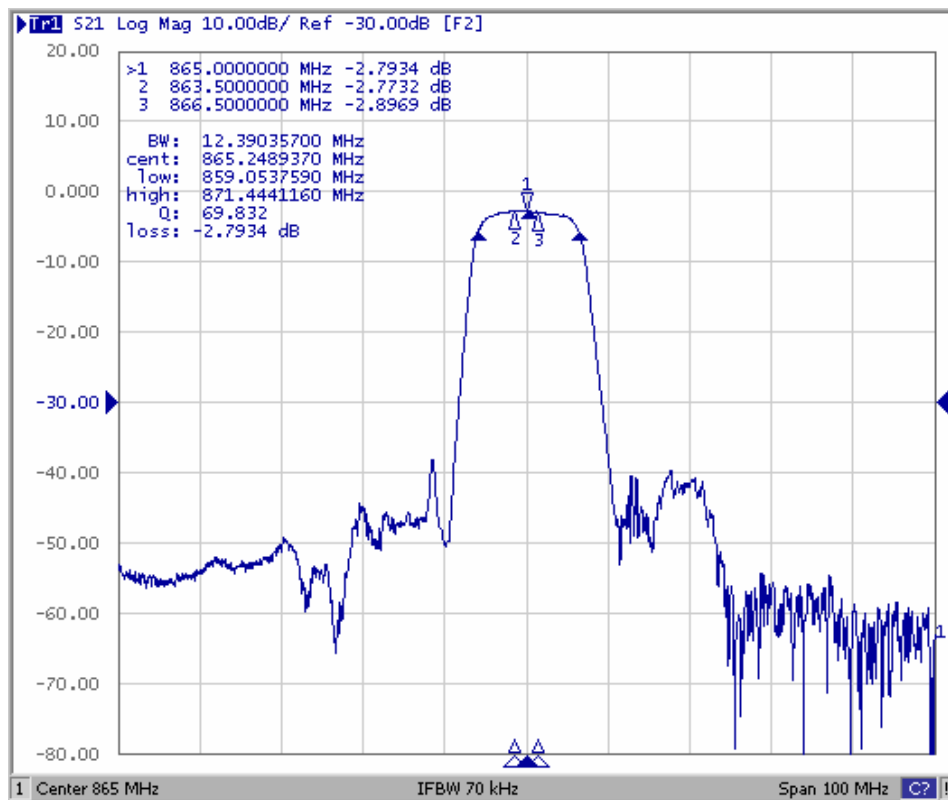
Unit: mm

E. PCB Footprint:



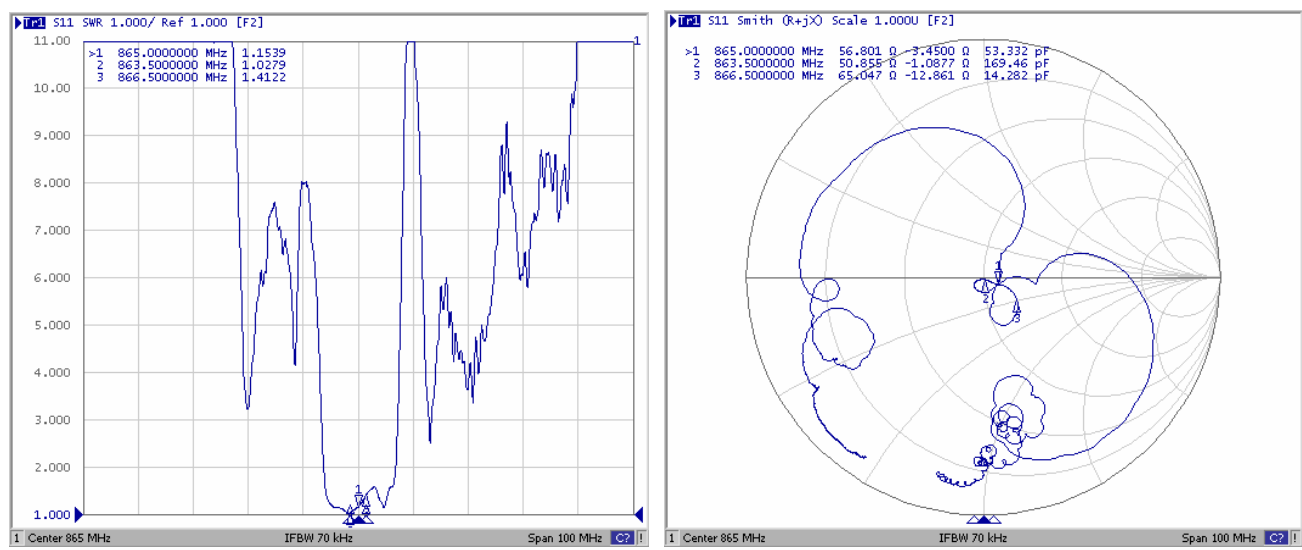
Dimensions in mm

F. Frequency Characteristics:

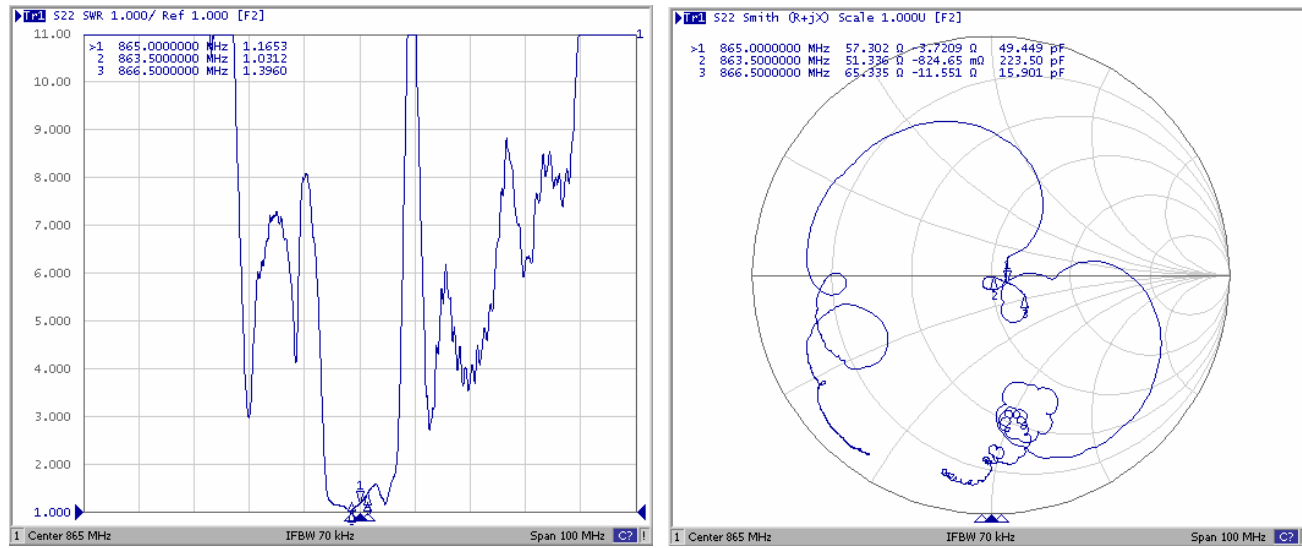


Reflections Functions:

S11

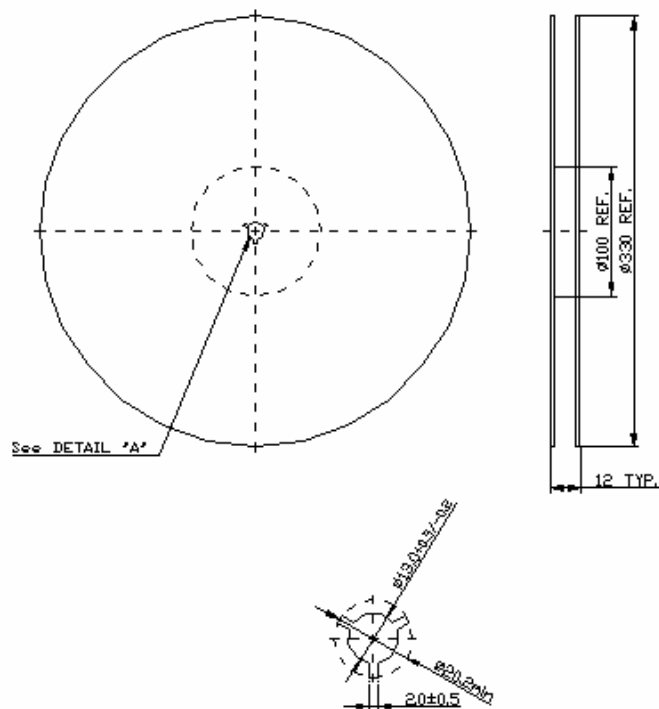


S22

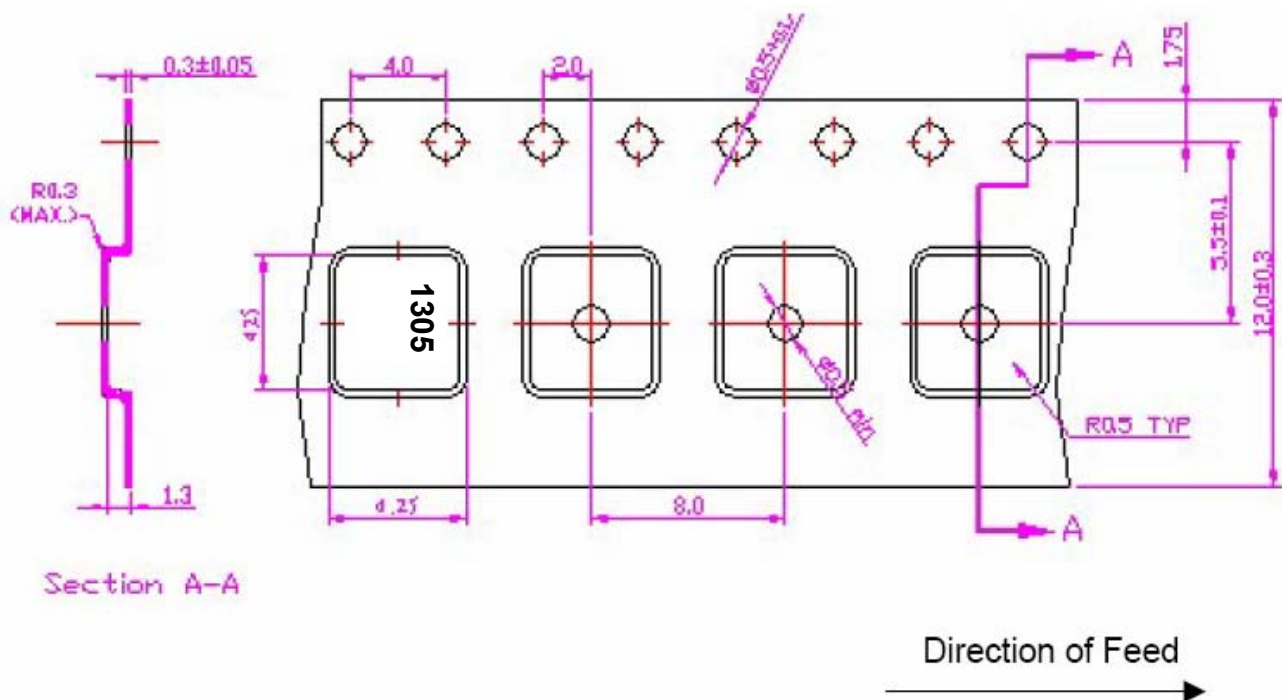


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

