



TAI-SAW TECHNOLOGY CO., LTD.

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

Product Description: SAW Filter 763 MHz SMD 3.8X3.8 mm(BW=10 MHz)

TST Part No.: TA1130B

Customer Part No.: _____

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

Checked by: _____ Anne Chen 

Approved by: _____ Bob Chau 

Date: _____ 03, 14, 2017

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 change



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SAW Filter 763 MHz

MODEL NO.:TA1130B

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: +5 dBm
2. DC Voltage : 3V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

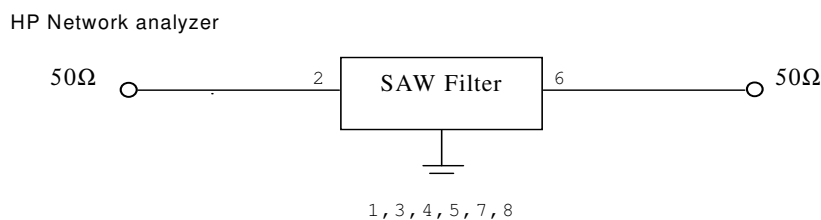
RoHS Compliant
Lead free
Lead-free soldering

Electrostatic Sensitive Device (ESD)

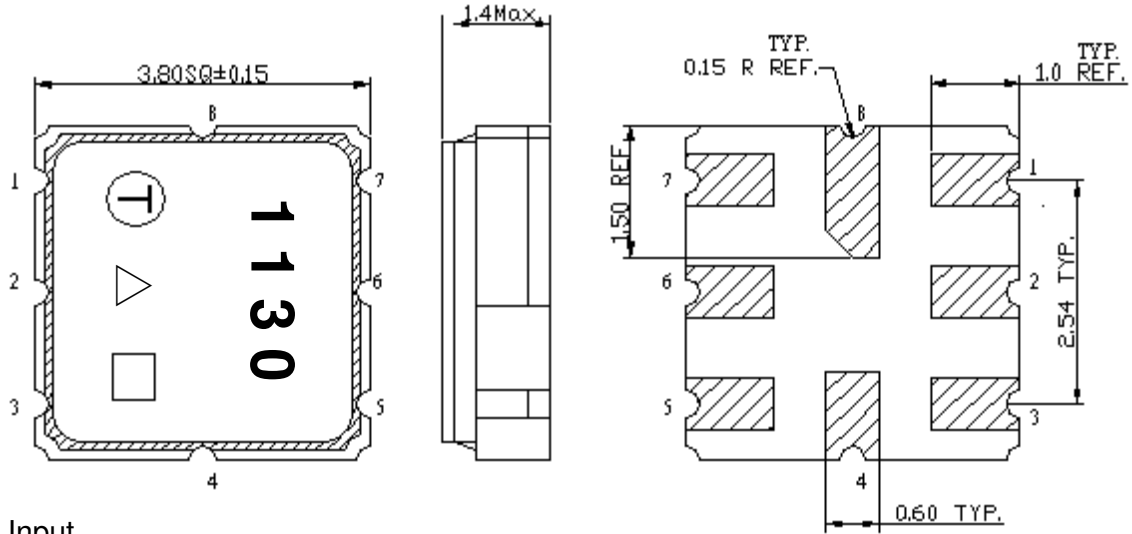
B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.	Note
Center Frequency F_c	MHz	-	763	-	-
Insertion Loss (758~768 MHz) IL	dB	-	1.3	3	-
Amplitude Ripple (758~768 MHz)	dB	-	0.3	1.5	-
Return Loss (758~768 MHz)	dB	10	15	-	-
Attenuation (Reference level from 0 dB)					
0 ~ 708 MHz	dB	30	41	-	-
788 ~ 798 MHz	dB	52	61	-	-
873 ~ 973 MHz	dB	40	43	-	-
1200 ~ 2000 MHz	dB	25	45	-	-

C. MEASUREMENT CIRCUIT:



D.OUTLINE DRAWING:



2 : Input

6: Output

1,3,4,5,7,8: Ground

△ : Year Code

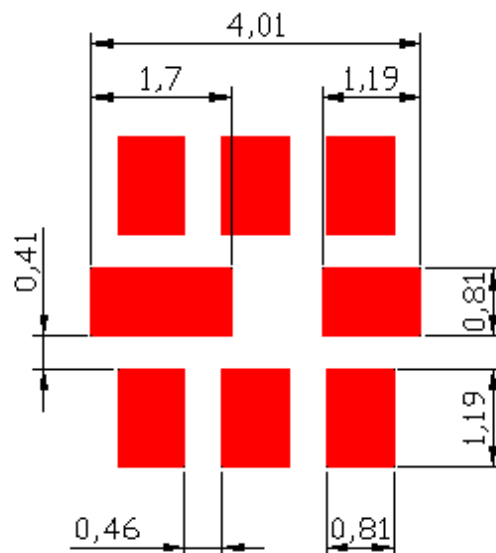
□ : Date Code(W01->A, W02->B,...,W27->a,...,W52->z)

Unit: mm

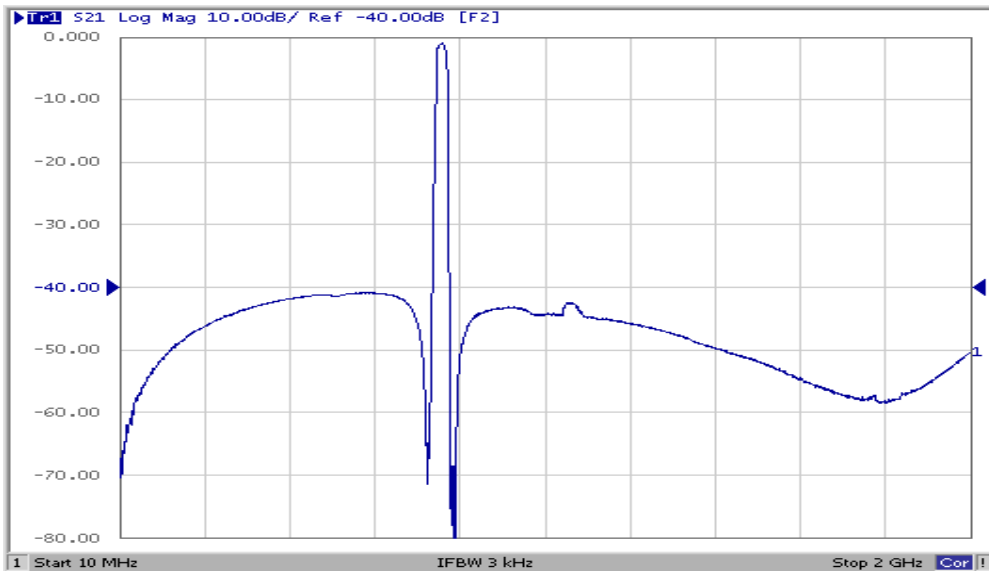
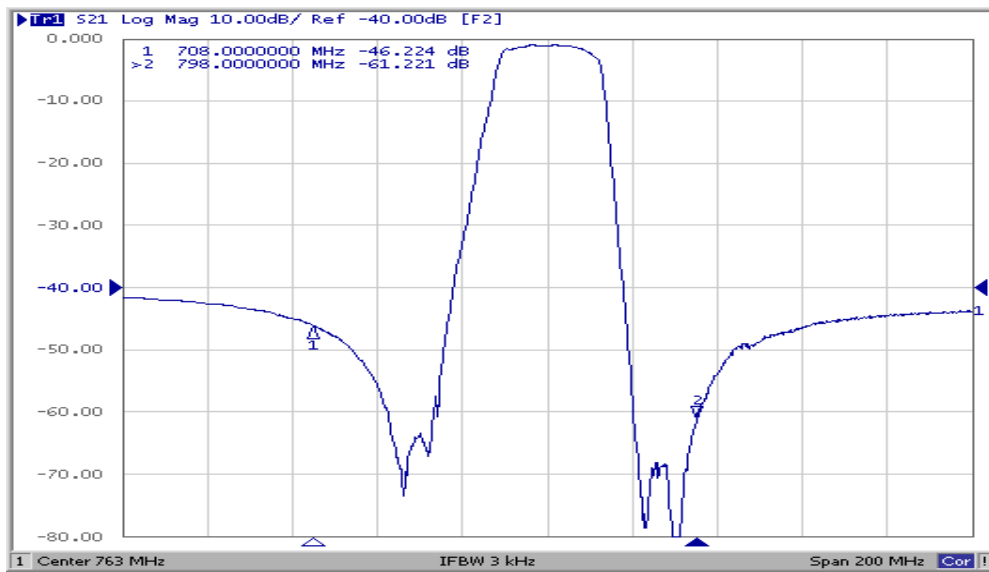
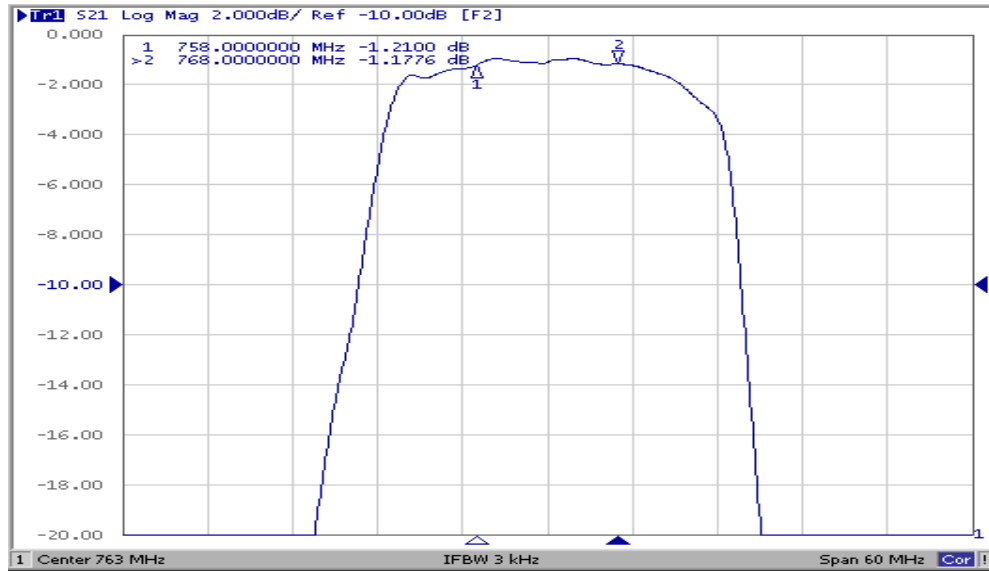
Product Year Code

Year	2017 2021	2018 2022	2019 2023	2020 2024
Product Code	A	a	A	a

E. PCB Footprint:

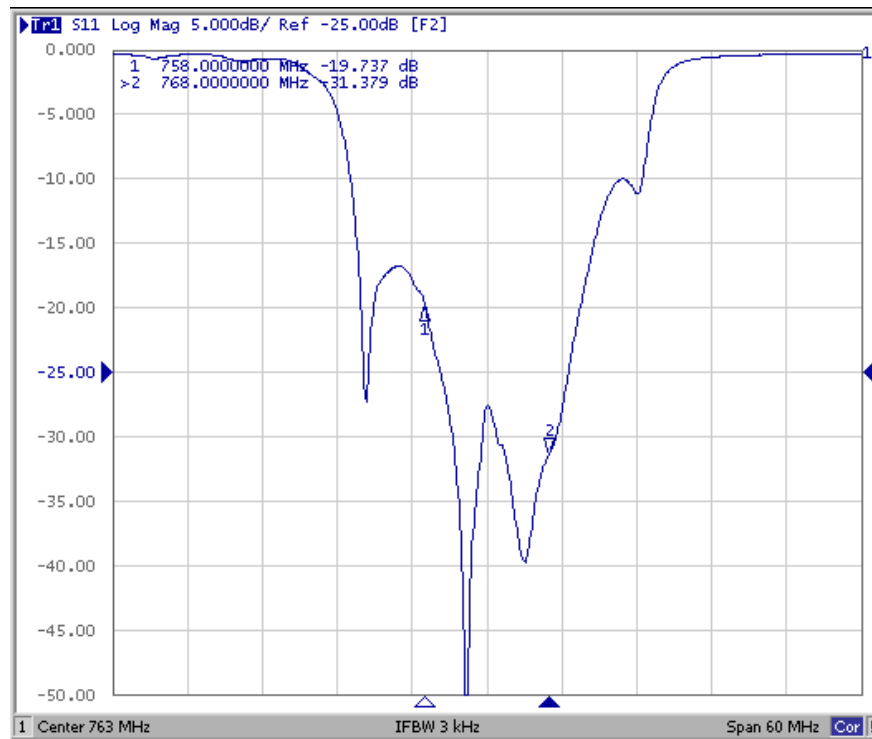


F. Frequency Characteristics :

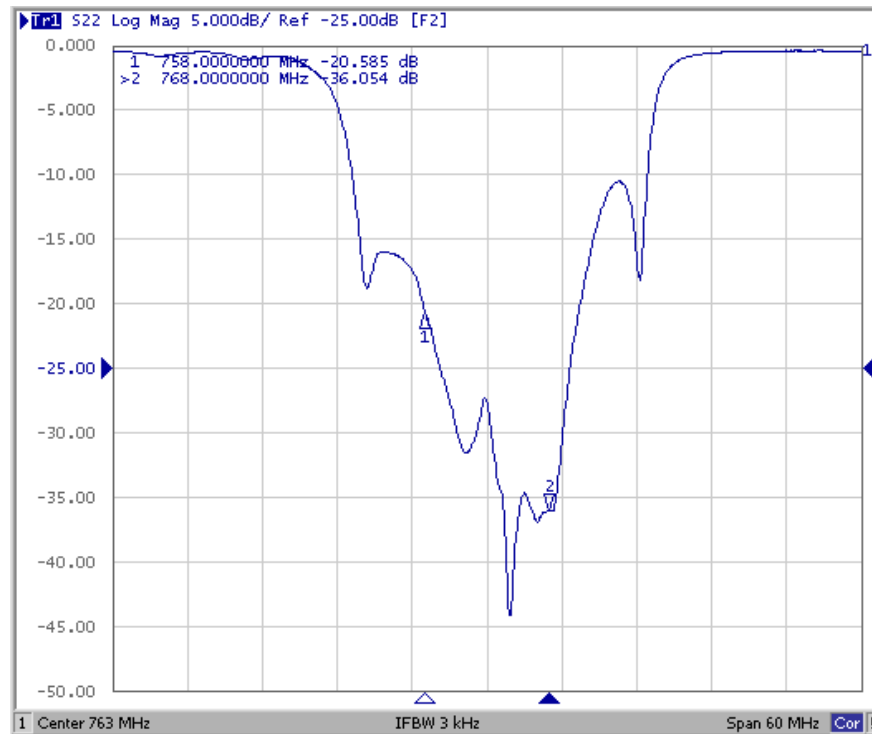


Reflection Functions :

S11



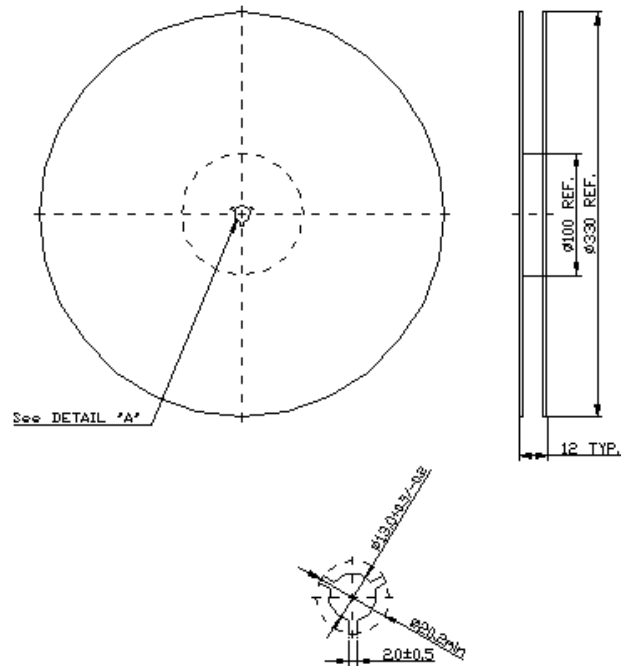
S22



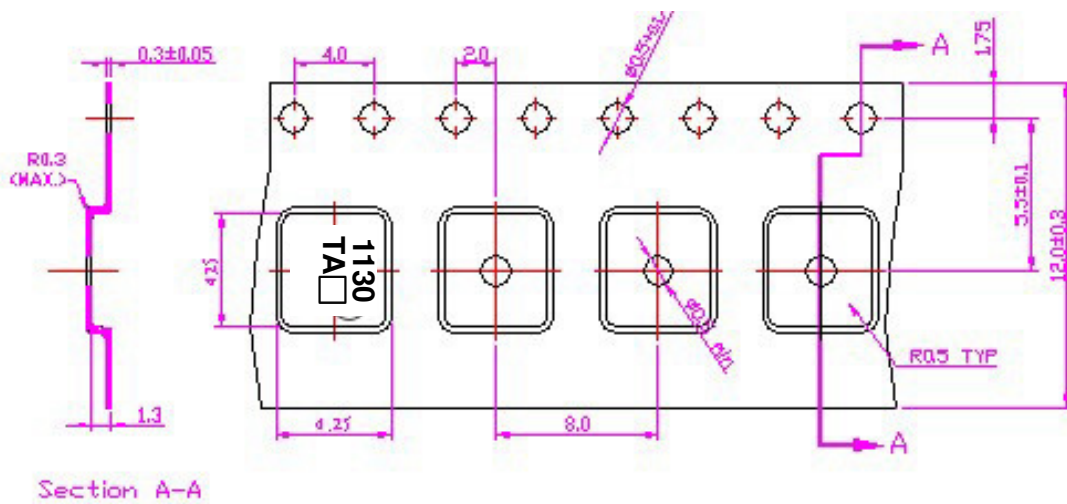
G. PACKING:

1. REEL DIMENSION

(Please refer to FR-75D10 for packing quantity)



2.TAPE DIMENSION



Direction of Feed



H . RECOMMENDED REFLOW PROFILE :

1. Preheating shall be fixed at 150~180°C for 60~90 seconds.
2. Ascending time to preheating temperature 150°C shall be 30 seconds min.
3. Heating shall be fixed at 220°C for 50~80 seconds and at 245~260°C peak (min. 10sec).
4. Time : 2 times.

