



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
Taoyuan, 324, Taiwan, R.O.C.

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Product Specifications Approval Sheet


Product Description: SAW Filter 763 MHz SMD 3.0x3.0 mm

TST Part No.: TA1243A

Customer Part No.: _____

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

Checked by: _____ David Chang 張閔智

Approved by: _____ Francis Chen 

Date: _____ 2010/10/29

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 763 MHz

MODEL NO.:TA1243A

REV. NO.:2

A. MAXIMUM RATING:

1. Input Power Level: 5 dBm
2. DC Voltage : 3V
3. Operating Temperature: -10°C to +55°C
4. Storage Temperature: -20°C to +85°C

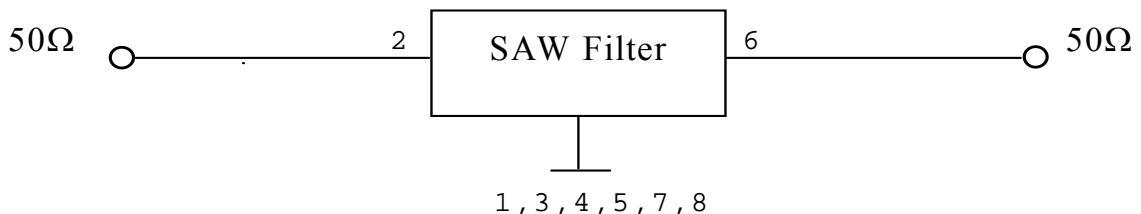
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

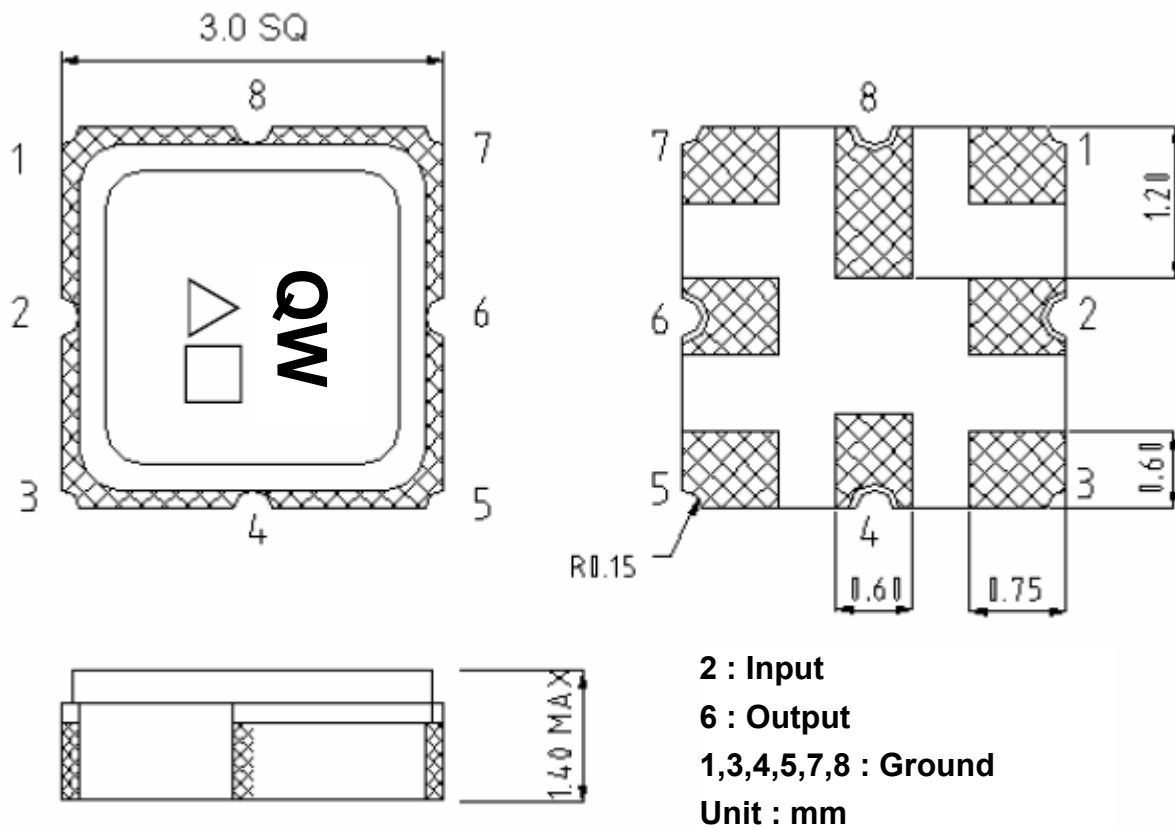
Item	Unit	Min.	Typ.	Max.
Center Frequency F_c	MHz	-	763	-
Insertion Loss (758~768 MHz)	dB	-	1.4	3
Amplitude Ripple (758 ~ 768 MHz)	dB	-	0.4	1.5
I/O Return Loss (758 ~ 768 MHz)	dB	10	16	-
Attenuation (Reference level from 0 dB)				
0 ~ 708 MHz	dB	30	40	-
788 ~ 798 MHz	dB	52	59	-
873 ~ 973 MHz	dB	40	42	-
1200 ~ 2000 MHz	dB	25	45	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer

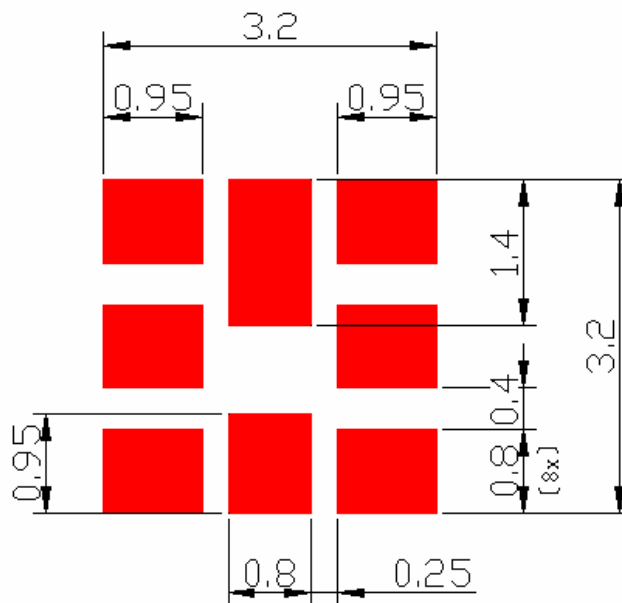


D. OUTLINE DRAWING:

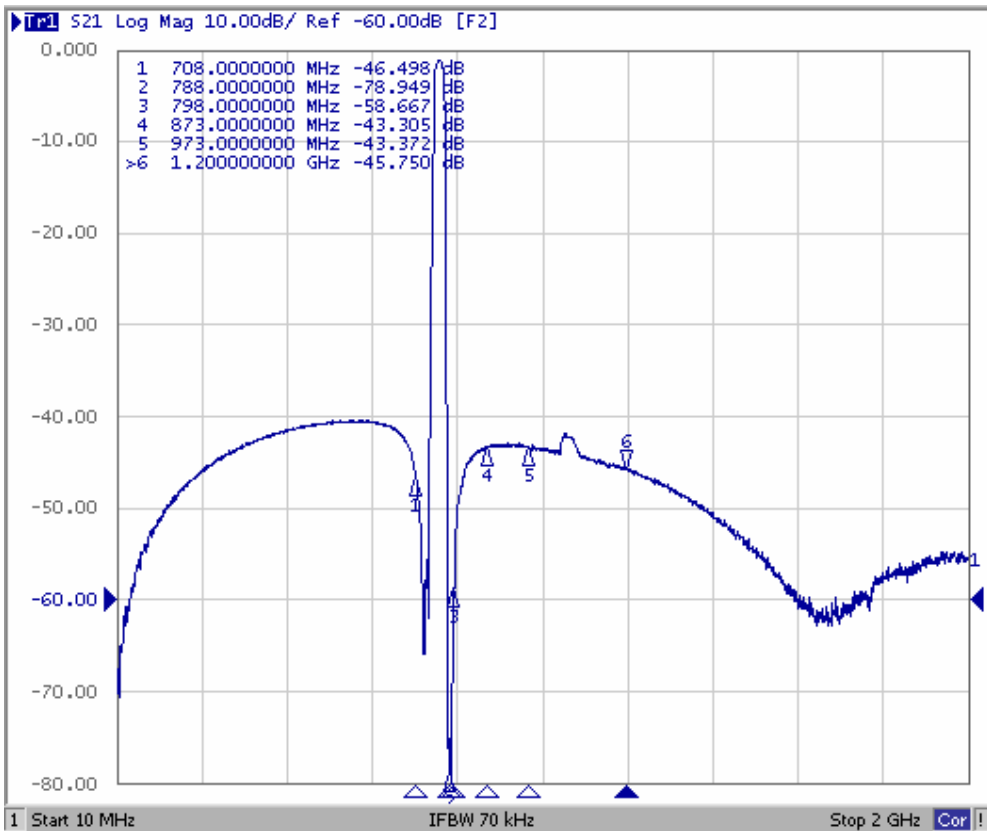
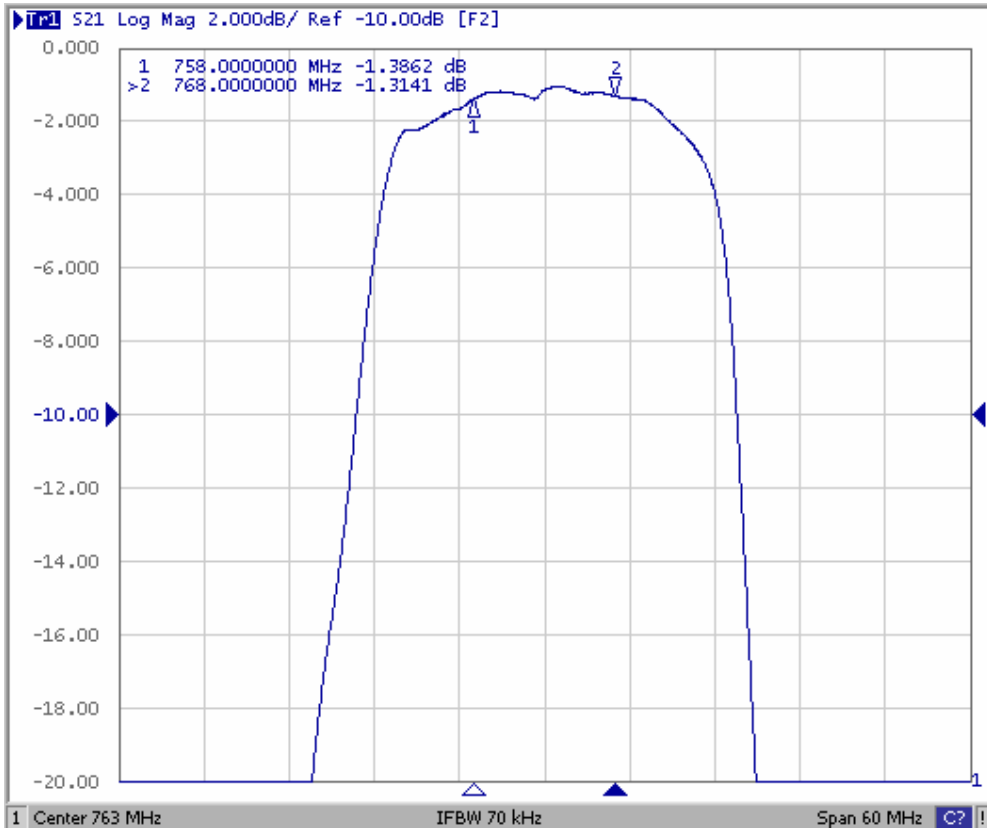


- △ : Year Code(2010→0,2011→1...2019→9)
- : Date Code(Follow the table from planner each year)

E. PCB Footprint:

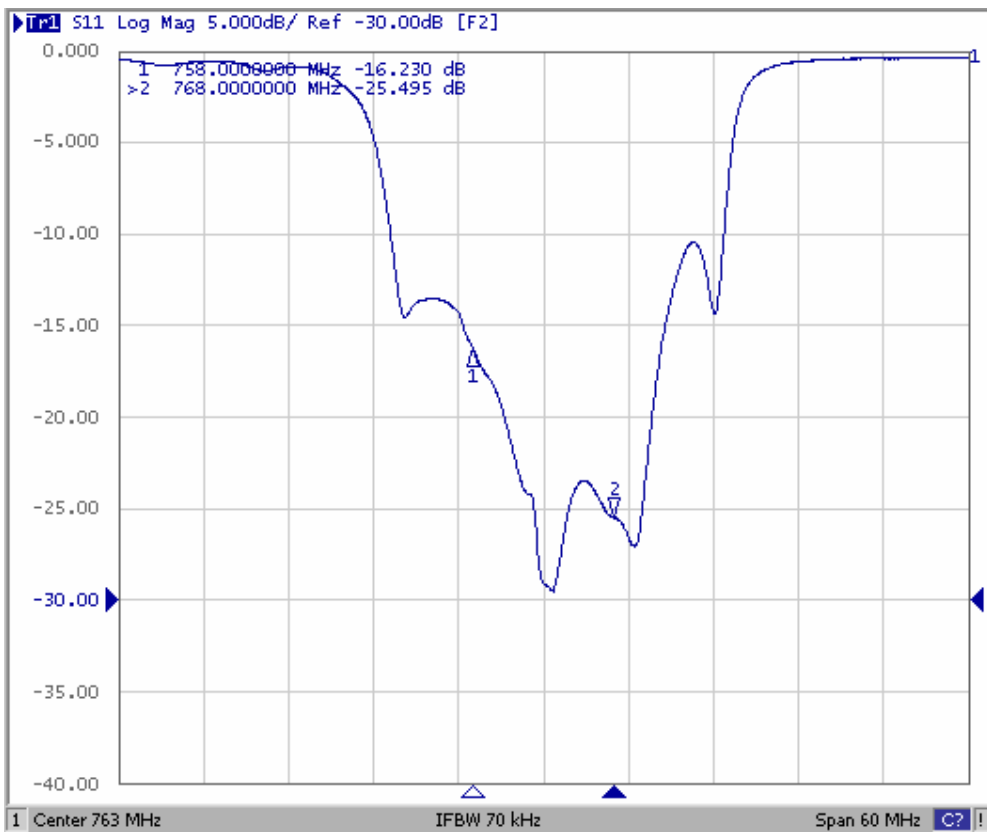


F. Frequency Characteristics:

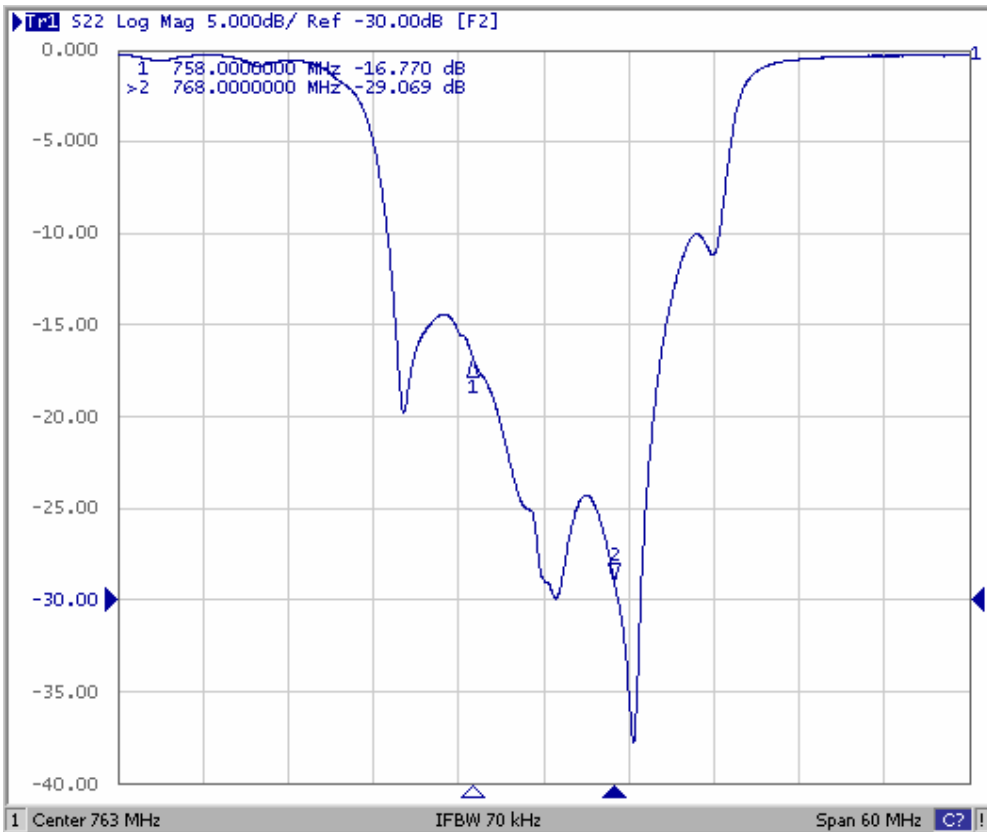


Reflection Functions :

S11

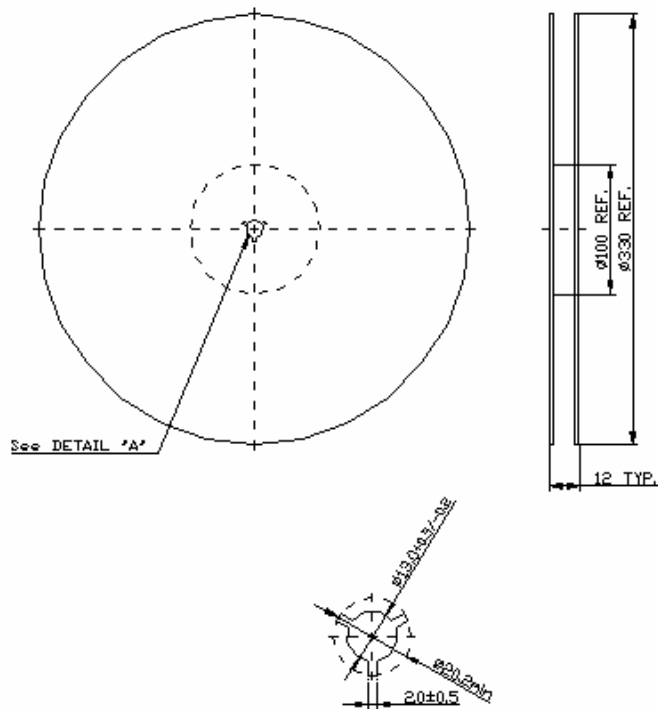


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G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

