



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 611 MHZ

TST Part No.: TA0794B

Customer Part No.: _____

Customer signature required

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ 陳季宜

Approved by: _____ [Signature]

Date: _____ 11/18/2011

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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A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 3 V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

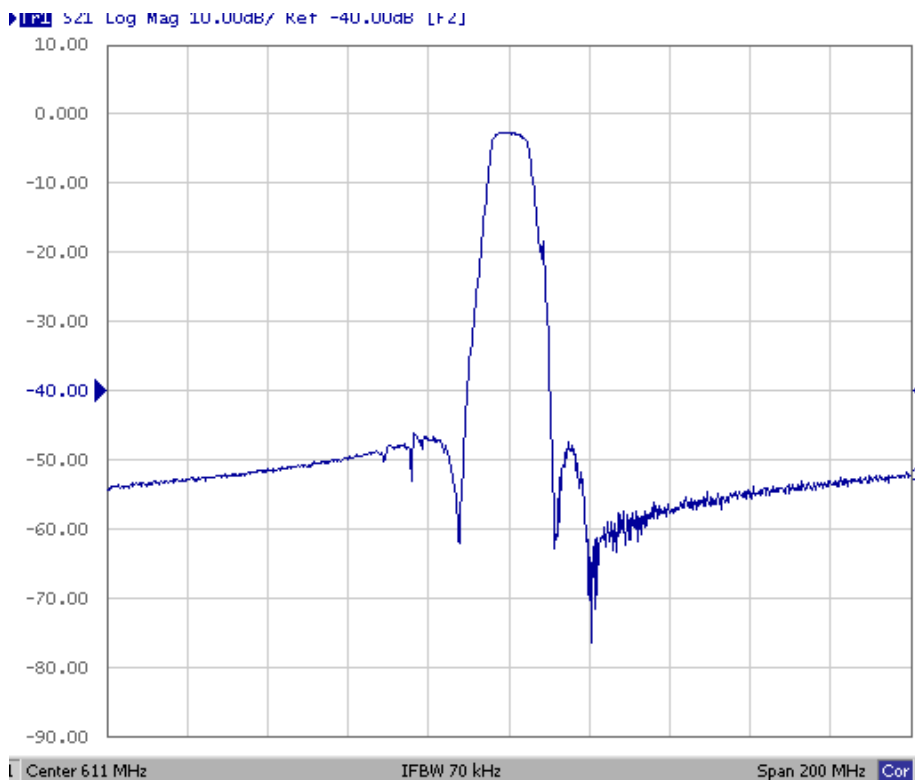
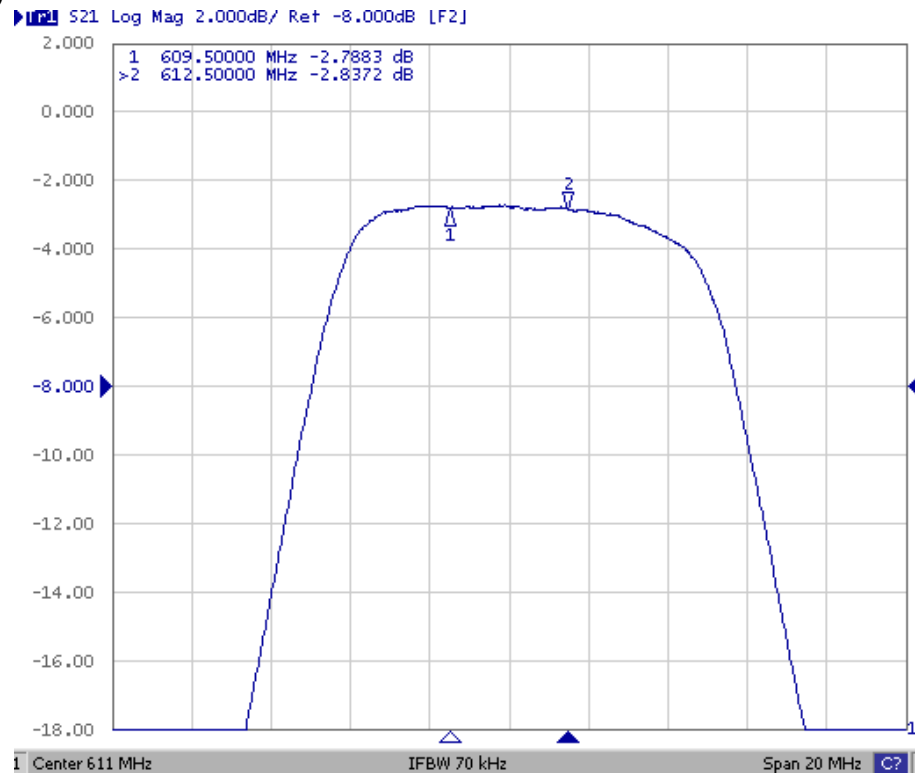
Electrostatic Sensitive Device (ESD)

B. ELECTRICAL CHARACTERISTICS:

Item		Unit	Min.	Type.	Max.
Center frequency	F _c	MHz	-	611	-
Insertion Loss	IL _{min} (reference level)	dB	-	2.3	2.6
3dB Bandwidth	BW _{-3dB}	MHz	7	9.8	-
40dB Bandwidth	BW _{-40dB}		-	20.9	24
Amplitude Ripple	609.5~ 612.5 MHz	dB	-	0.4	1.3
Rejection:(Reference level from 0dB)					
520 to 560	MHz	dB	38	50	-
660 to 700	MHz	dB	38	50	-
Source impedance	Z _s	Ω	-	50	-
Load impedance	Z _L	Ω	-	50	-

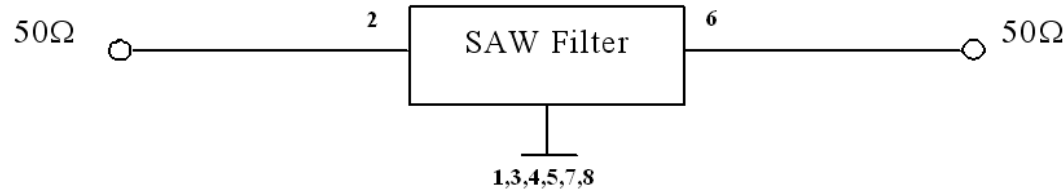
Note: IL_{min} is the minimum of the pass band attenuation. The center frequency F_c is the mean value of the upper and lower frequencies at the 3dB filter attenuation level relative to the IL_{min}.

C. Frequency Characteristics :

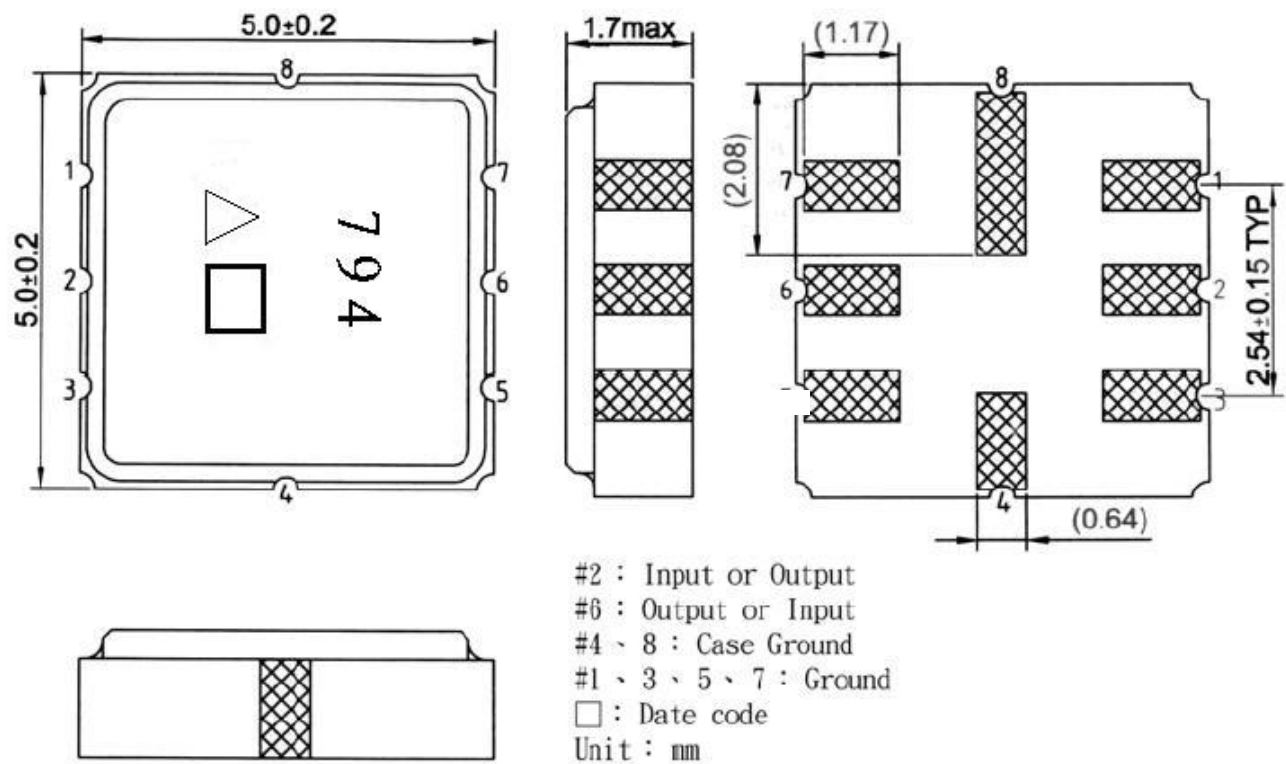


D. MEASUREMENT CIRCUIT:

HP Network analyzer



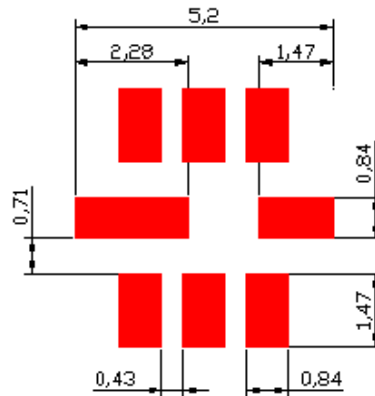
E.OUTLINE DRAWING:



△ Product Year Code

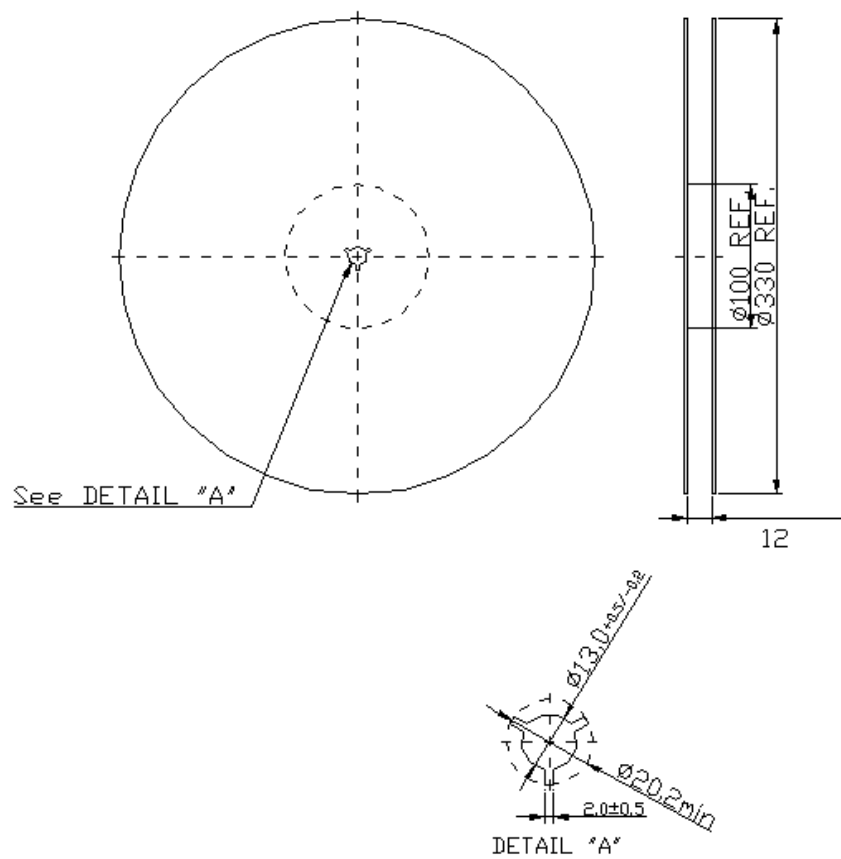
Year	2013 2009	2014 2010	2015 2011	2016 2012
Product Code	A	a	<u>A</u>	<u>a</u>

F.PCB FOOTPRINT:

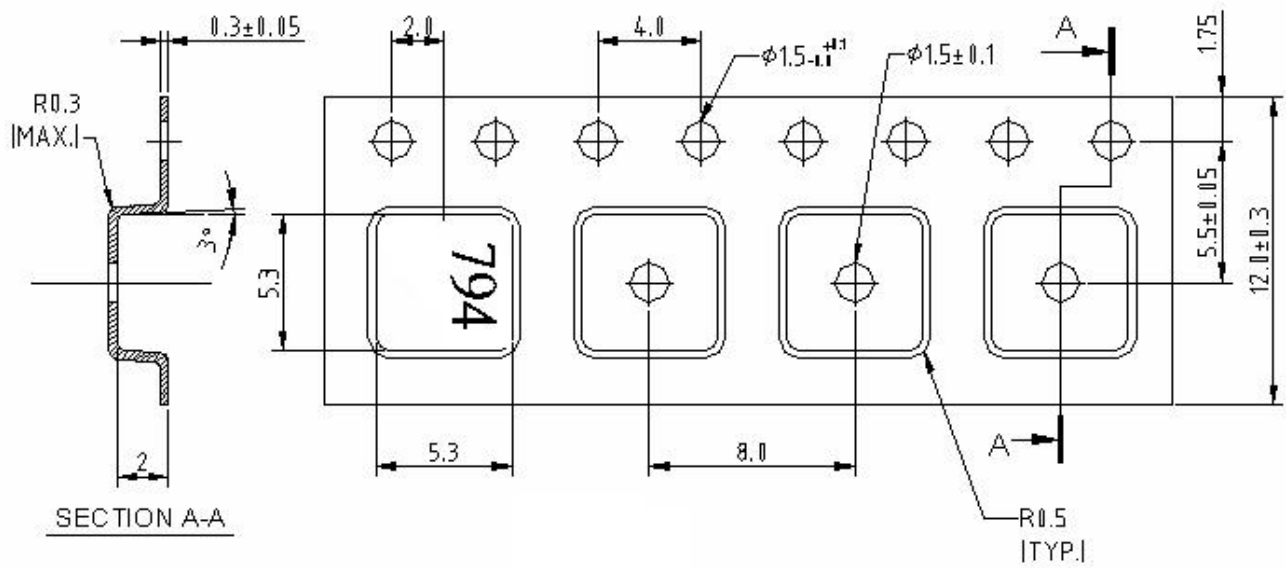


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H.RECOMMENDED REFLOW PROFILE:

