



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 914.5MHz SMD 3.8×3.8mm (BW=8MHz)

TST Part No.: TA0282A

Customer Part No.: _____

Customer signature required

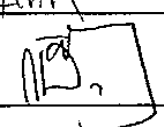
Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Kevin 

Approved by: _____ Francis Chen 

Date: _____ 3/1/2012

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 914.5 MHz

MODEL NO.:TA0282A

REV. NO.:2.0

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 0V
3. Operating Temperature: -20°C to +65°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

Electrostatic Sensitive Device (ESD)

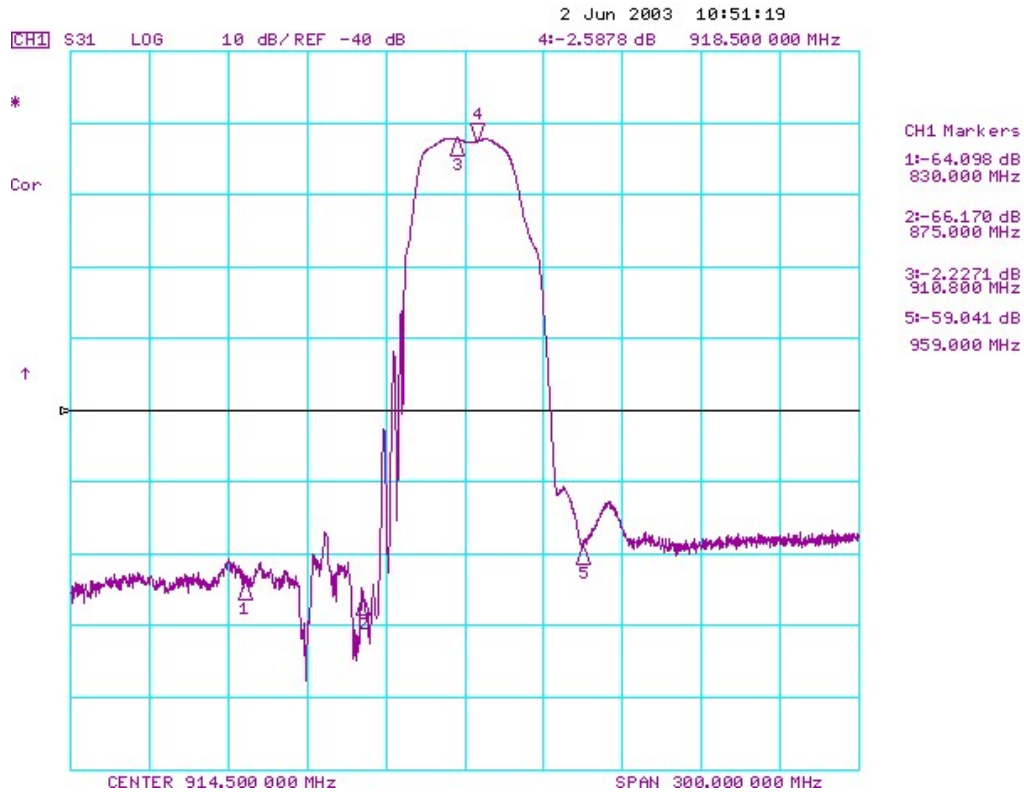
B. ELECTRICAL CHARACTERISTICS:

Item			Min.	Typ.	Max.
Center frequency	Fc	MHz	-	914.5	-
Insertion loss	910.5 ~ 918.5 MHz	IL _{max} (dB)	-	2.6	4.0
Amplitude ripple	910.5 ~ 918.5 MHz	(dB)	-	0.5	2.0
Attenuation (Relative to IL _{max})					
	10 ~ 830 MHz	(dB)	47	58	-
	830 ~ 875 MHz	(dB)	38	54	-
	959 ~ 980 MHz	(dB)	20	50	-
	980 ~ 1200 MHz	(dB)	42	54	-
Source impedance	Zs	(Ω)	-	50	-
Load impedance	ZL	(Ω)	-	50	-

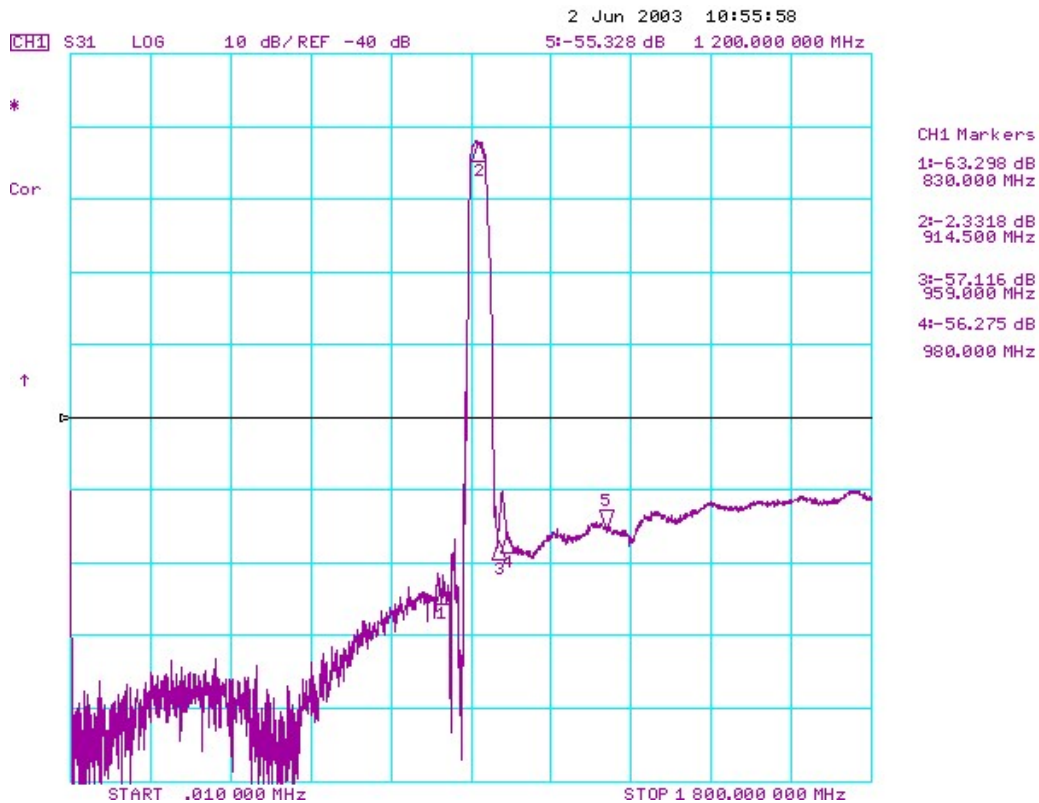
Note1. No matching network required for operation at 50Ω

C. Frequency Characteristics :

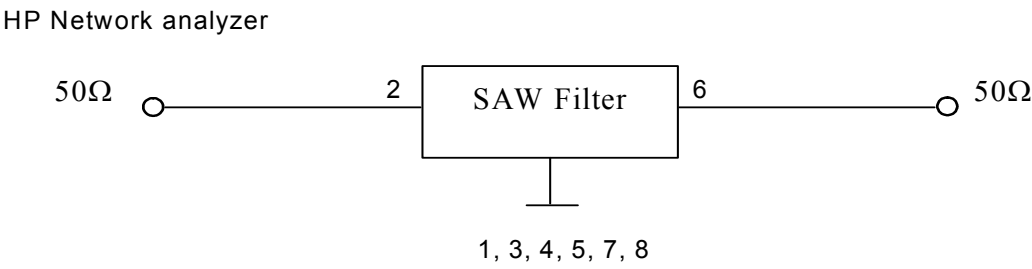
(1) Narrow band



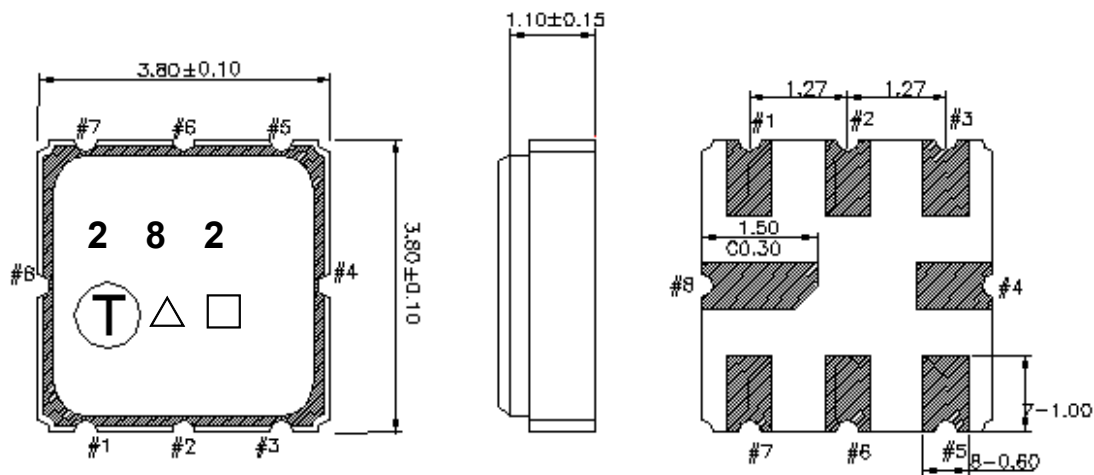
(2) Wide band



C. MEASUREMENT CIRCUIT:



D.OUTLINE DRAWING:

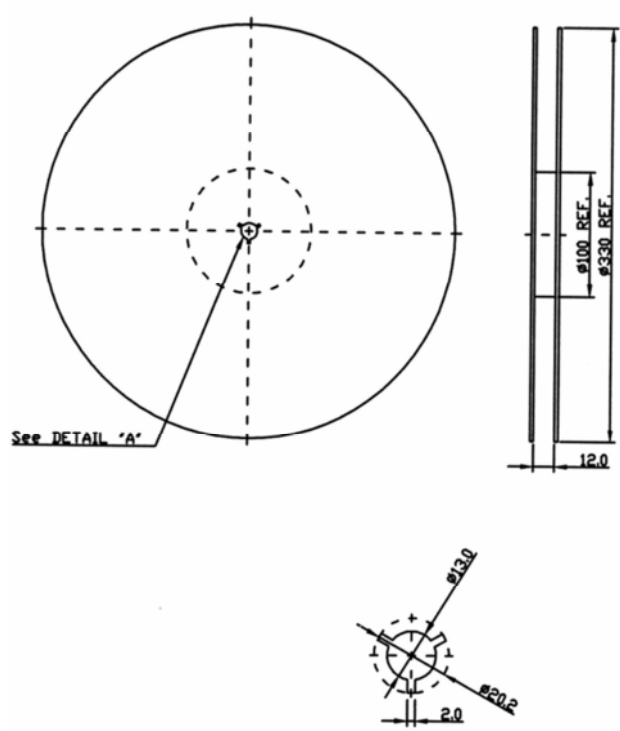


- #2 : Input
- #6: Output
- #1,3,4,5,7,8: Ground
- △ : Year Code
- : Date Code
- Unit: mm

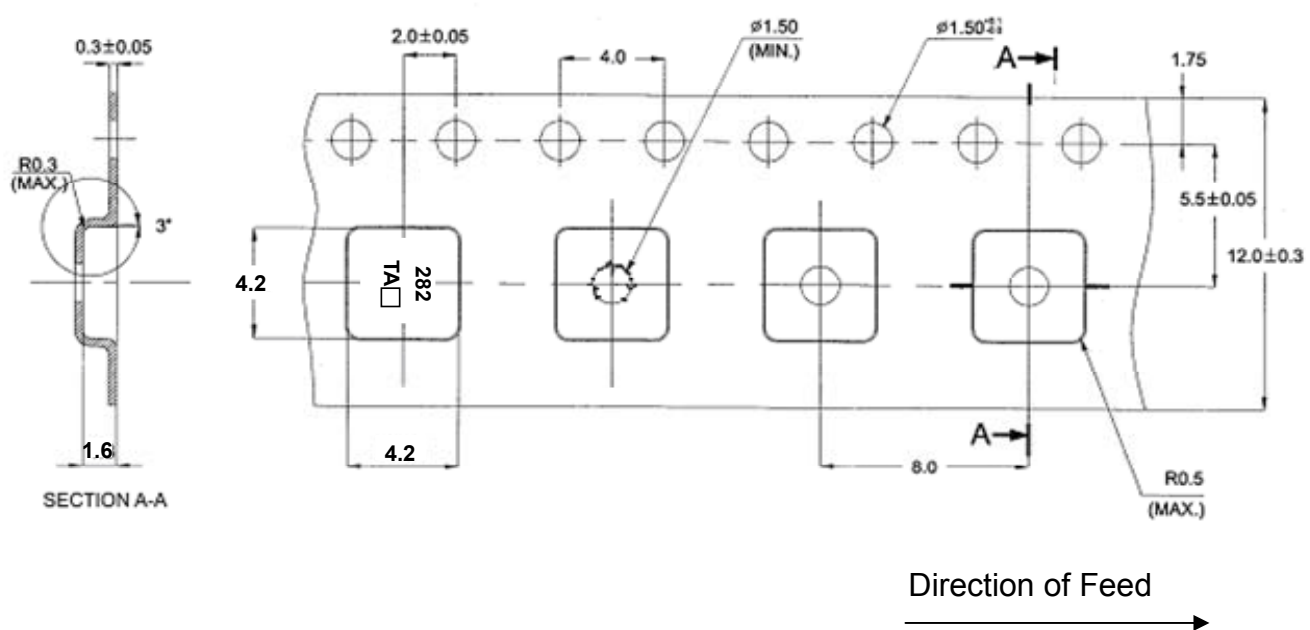
△ Product Year Code

Year	2011	2012
	2013	2014
	2015	2016
Product Code	A	a

G. PACKING:
1. REEL DIMENSION



2.TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

