



# TAI-SAW TECHNOLOGY CO., LTD.

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

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## Approval Sheet For Product Specification

Issued Date:

Product Name: SAW Filter 159.1625MHz SMD 7.0×5.0 mm

TST Parts No.:TA0395A

Customer Parts No.: \_\_\_\_\_

Company: _____
Division: _____
Approved by : _____
Date: _____

Checked by: \_\_\_\_\_ Elvis Chiu

Approval by: \_\_\_\_\_ Francis Chen

Date: \_\_\_\_\_ 2006/03/09



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## SAW Filter 159.1625 MHz

MODEL NO.: TA0395A

REV. NO.:2

### A. MAXIMUM RATING:

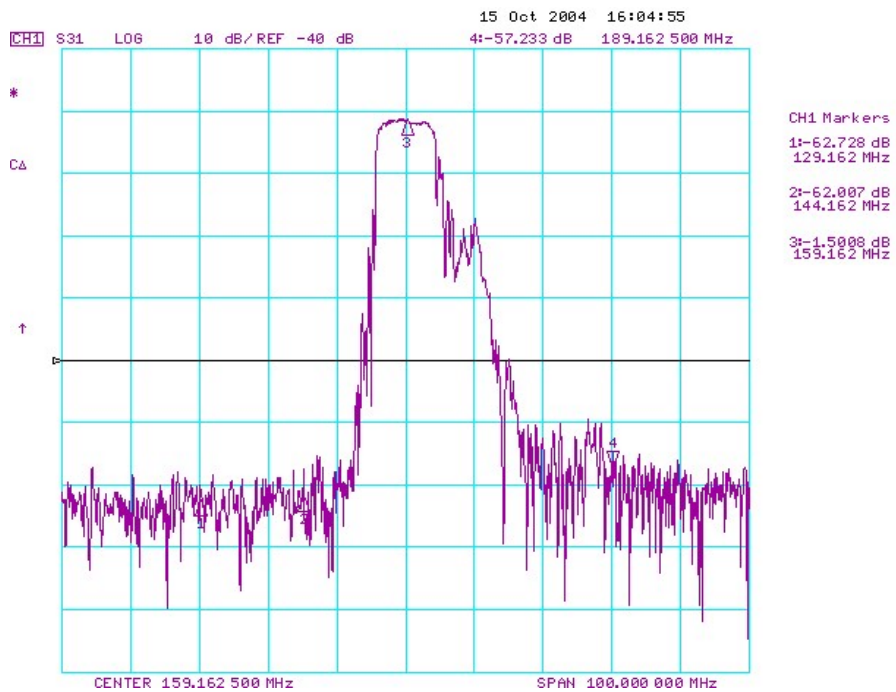
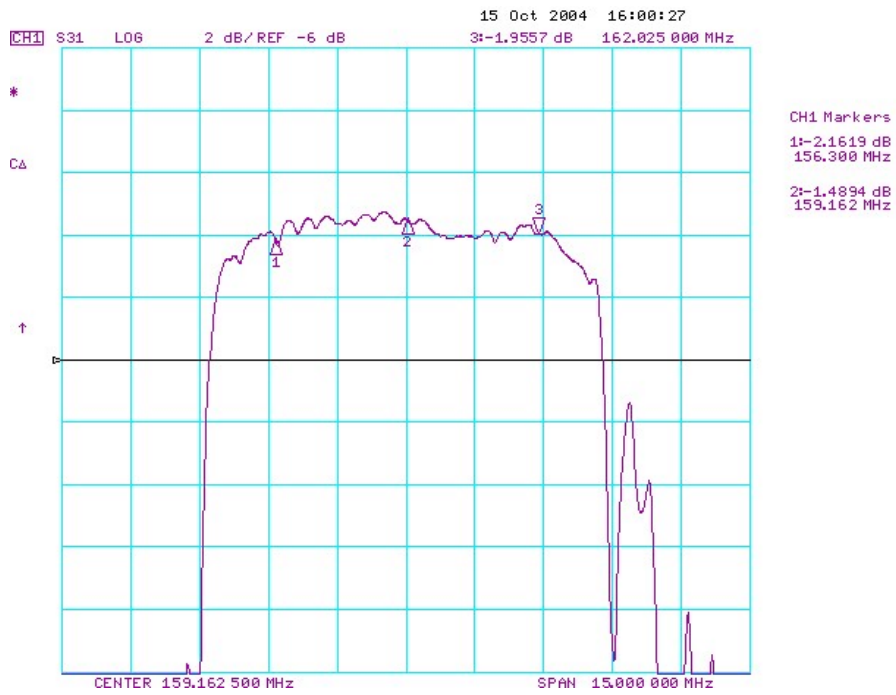
1. Input Power Level: 20 dB<sub>m</sub>
2. DC voltage: 5 V
3. Operating Temperature: -10°C to +70°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant  
Lead free  
Lead-free soldering

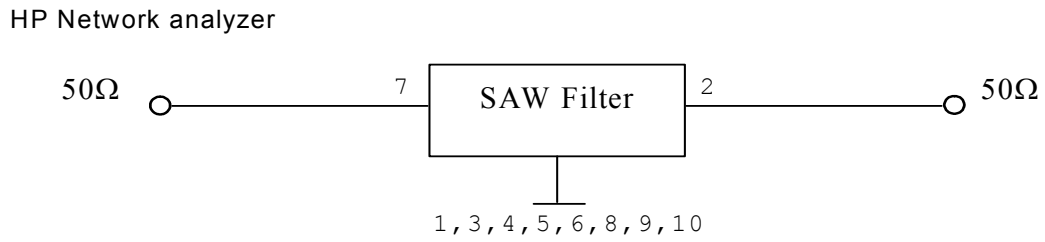
### B. ELECTRICAL CHARACTERISTICS:

Item		Specification			
		Unit	Min.	Typ.	Max.
Center Frequency	Fc	MHz	-	159.1625	-
Insertion Loss	156.3~162.025MHz IL	dB	-	2.3	3.8
Attenuation (Reference from 0dB)					
Fc-50 ~ Fc-30	MHz	dB	42	57	-
Fc-30 ~ Fc-15	MHz	dB	36	55	-
Fc+30 ~ Fc+50	MHz	dB	42	55	-
Source impedance	Zs	Ω	-	50	-
Load impedance	ZL	Ω	-	50	-

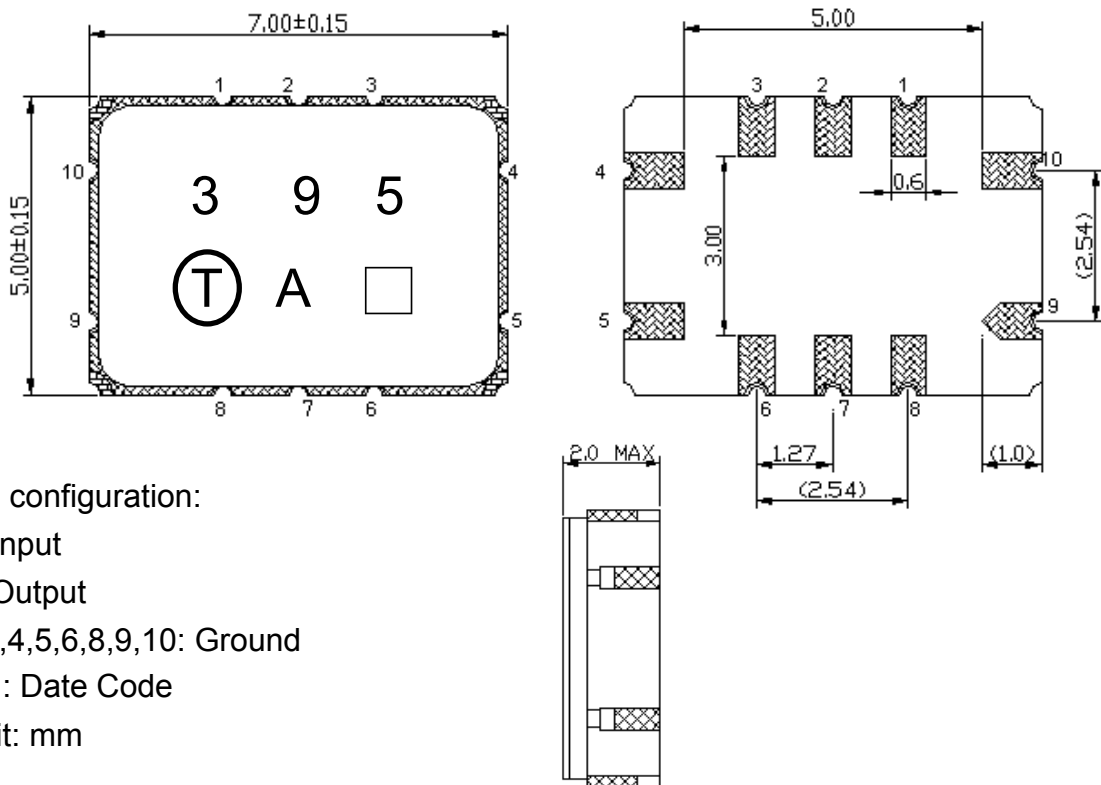
### C. Frequency Characteristics :



**D. MEASUREMENT CIRCUIT:**



**E. OUTLINE DRAWING:**



Pin configuration:

7: Input

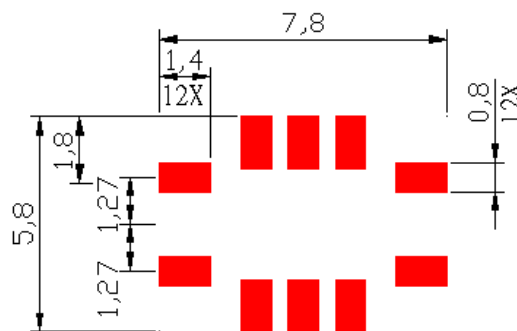
2: Output

1,3,4,5,6,8,9,10: Ground

□ : Date Code

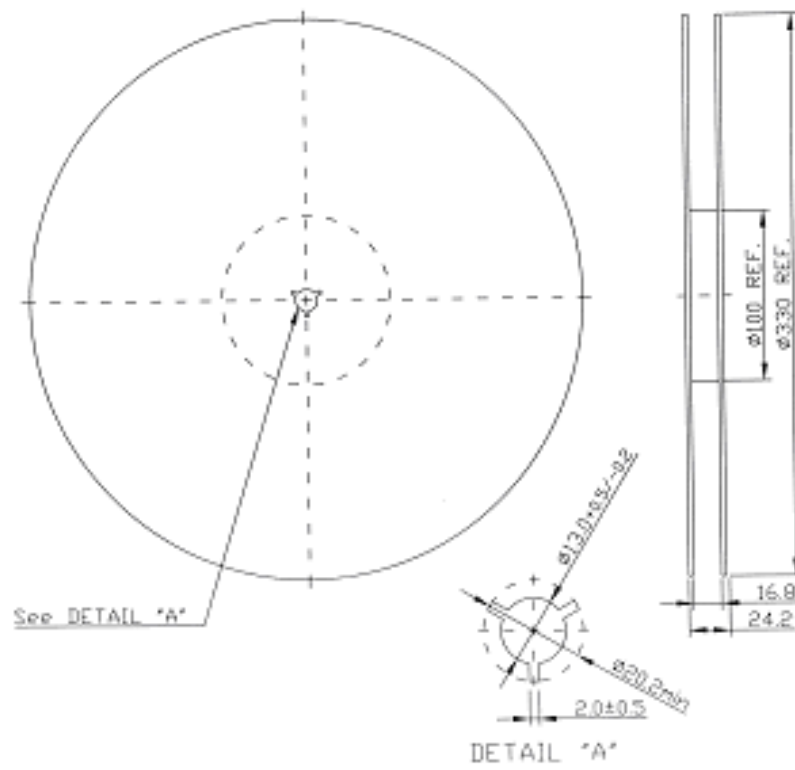
Unit: mm

**F. PCB FOOTPRINT:**

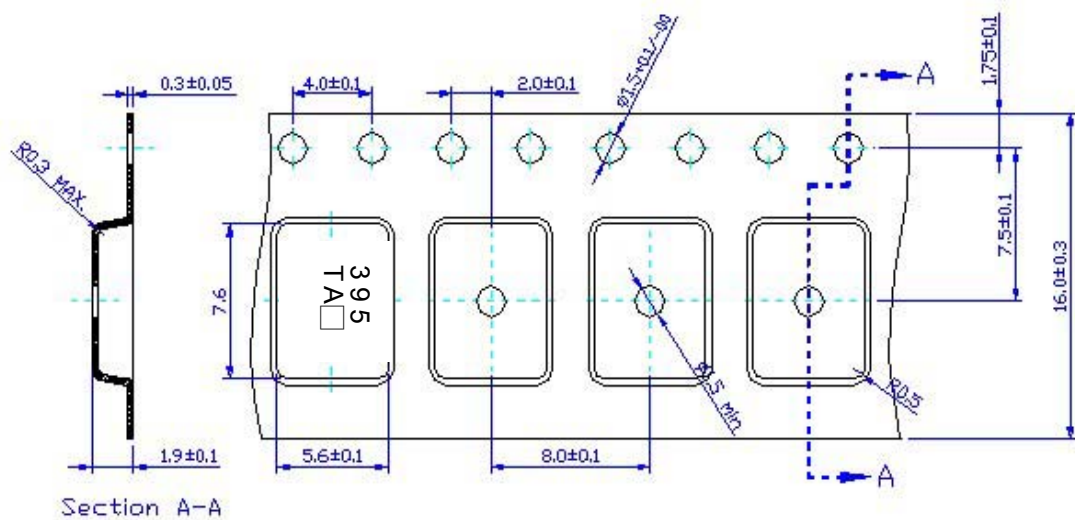


## G. PACKING:

### 1. REEL DIMENSION



### 2. TAPE DIMENSION



## H.RECOMMENDED REFLOW PROFILE:

