



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:

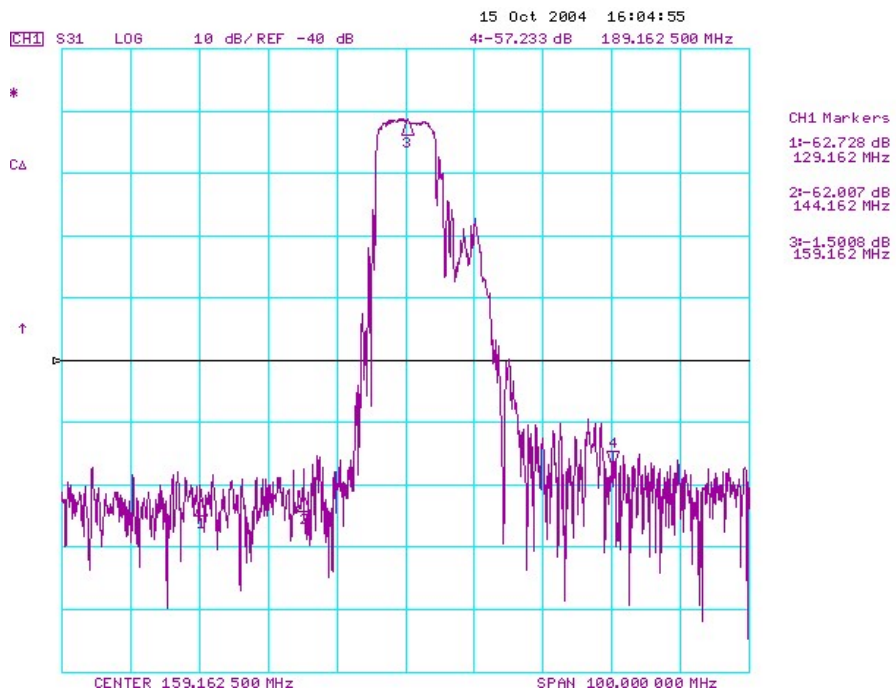
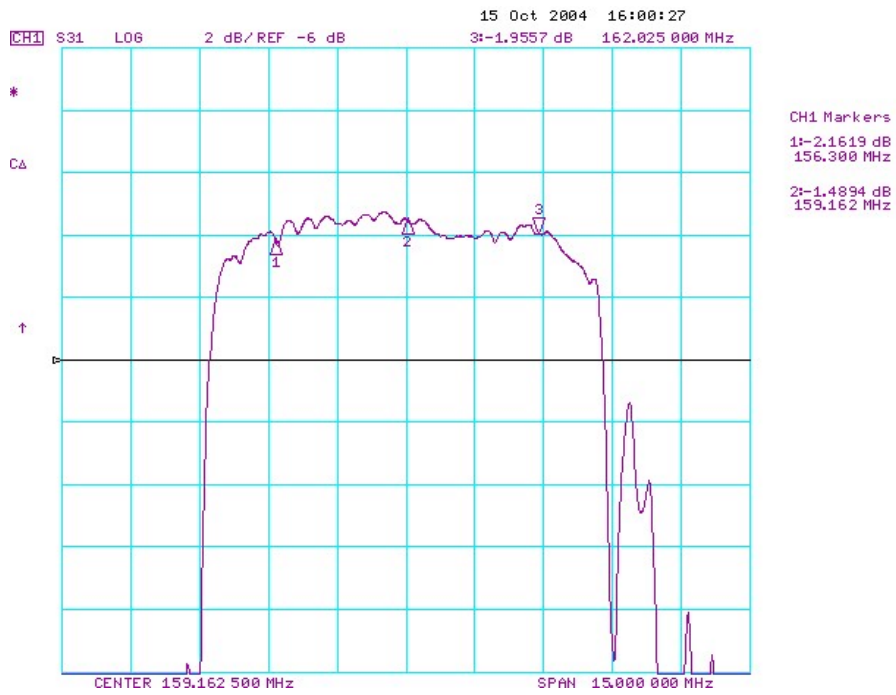
1. Input Power Level: 20 dB_m
2. DC voltage: 5 V
3. Operating Temperature: -10°C to +70°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

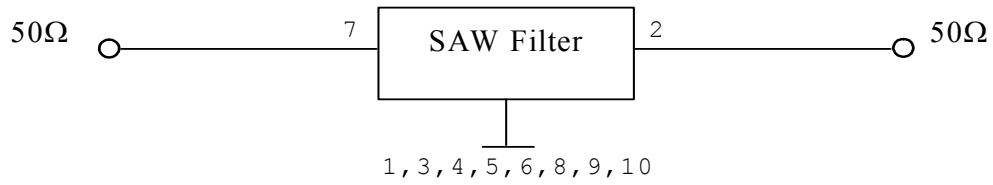
Item		Specification			
		Unit	Min.	Typ.	Max.
Center Frequency	F _c	MHz	-	159.1625	-
Insertion Loss	156.3~162.025MHz IL	dB	-	2.3	3.8
Attenuation (Reference from 0dB)					
F _c -50 ~ F _c -30	MHz	dB	42	57	-
F _c -30 ~ F _c -15	MHz	dB	36	55	-
F _c +30 ~ F _c +50	MHz	dB	42	55	-
Source impedance	Z _s	Ω	-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

C. Frequency Characteristics :

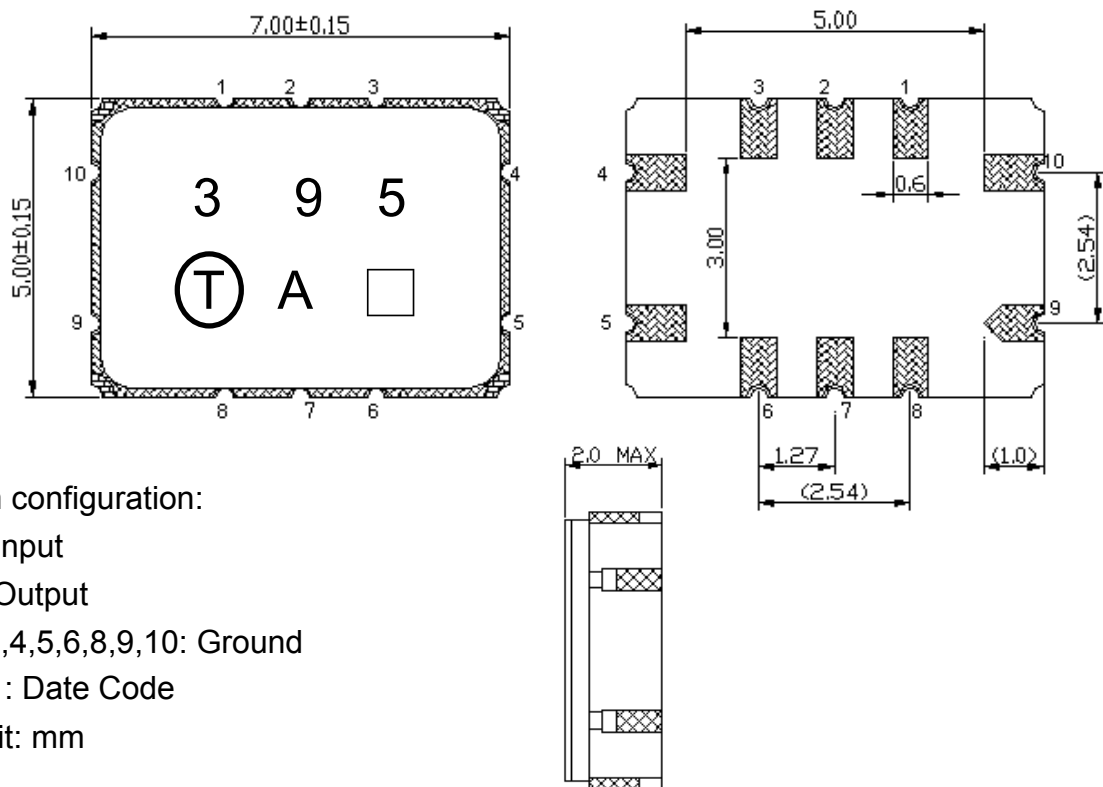


D. MEASUREMENT CIRCUIT:

HP Network analyzer



E. OUTLINE DRAWING:



Pin configuration:

7: Input

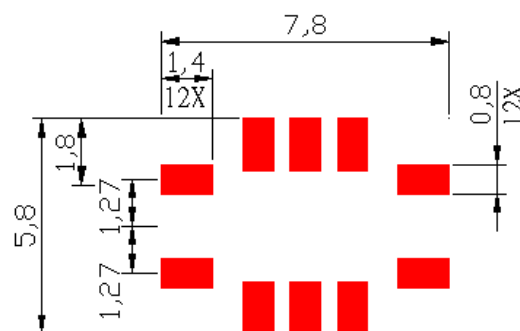
2: Output

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

□ : Date Code

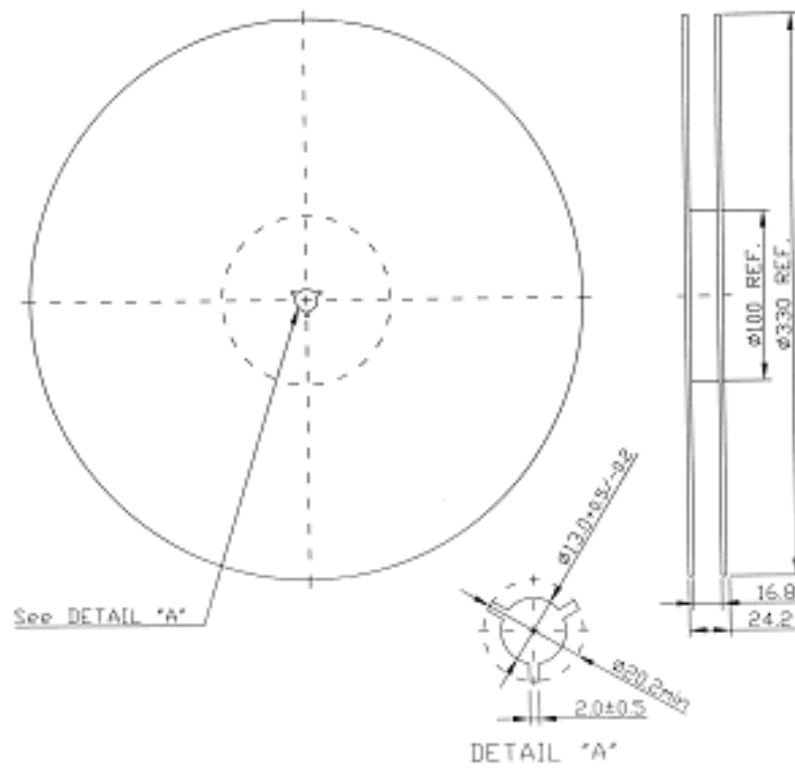
Unit: mm

F. PCB FOOTPRINT:

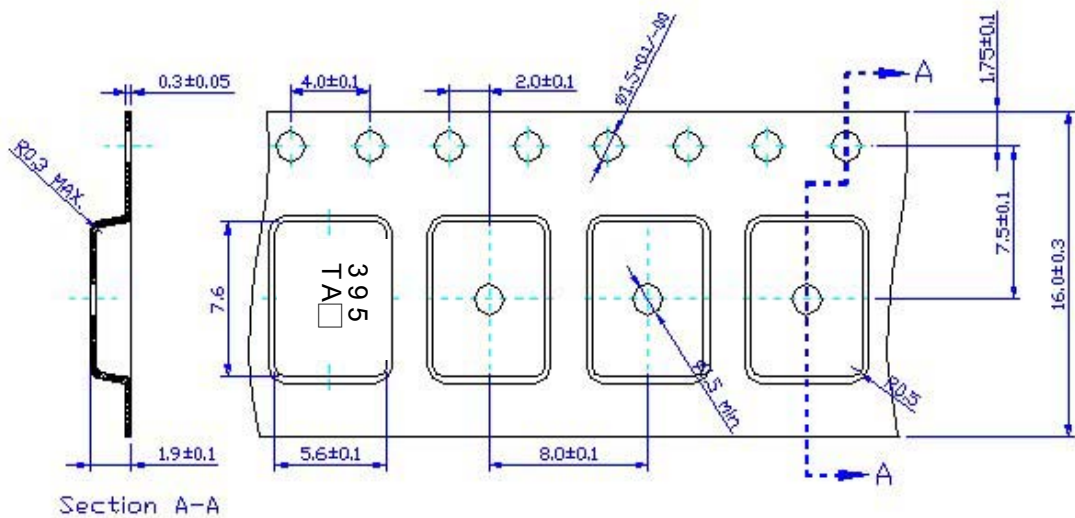


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H.RECOMMENDED REFLOW PROFILE:

