



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
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Approval Sheet For Product Specification

Issued Date: Nov, 15, 2006

Product Name: SAW Filter 836.5 MHz SMD 3.0X3.0 mm

TST Parts No.: TA0609A

Customer Parts No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Bob Chau

Approval by: _____ Francis Chen

Date: _____ 11, 15, 2006



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SAW Filter 836.5MHz

MODEL NO.:TA0609A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -20°C to +75°C
4. Storage Temperature: -40°C to +85°C

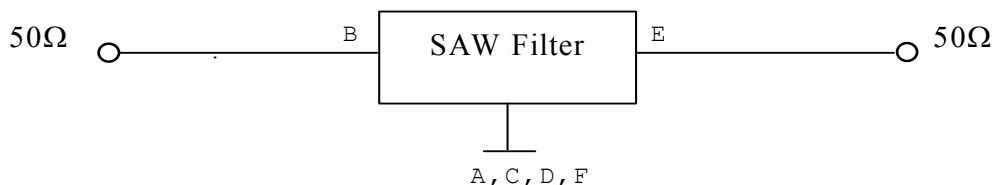
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

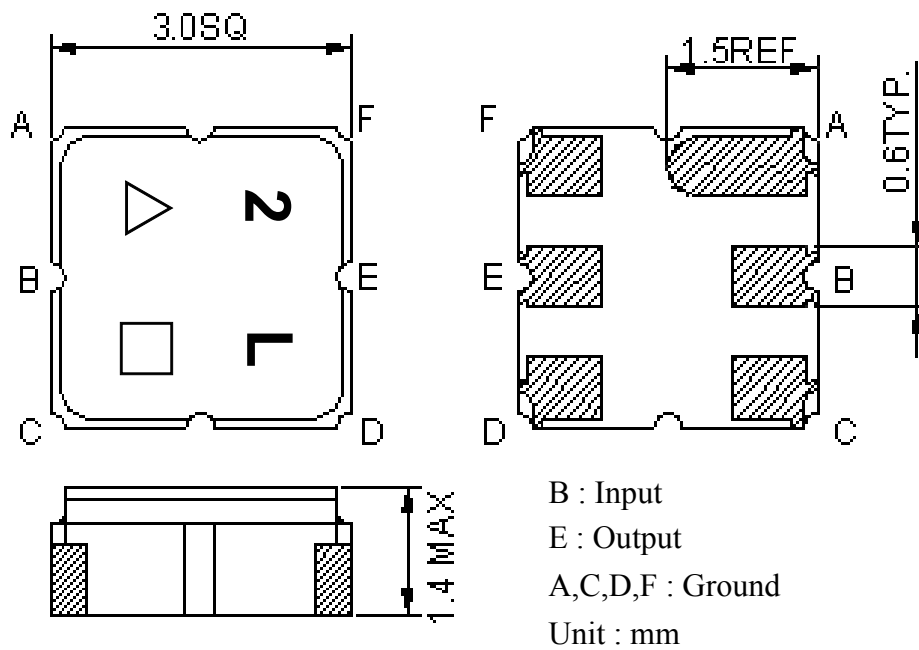
Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	836.5	-	-
Insertion Loss (821.5 ~ 851.5 MHz) IL	dB	-	2.7	4	-
Amplitude Ripple (821.5 ~ 851.5 MHz)	dB	-	1.2	2	-
VSWR (821.5 ~ 851.5 MHz)		-	1.5	2.2	-
Relative Attenuation (relative to 0 dB)					
D.C. ~ 696 MHz	dB	50	64	-	-
956 ~ 1500 MHz	dB	50	59	-	-
1500 ~ 2000 MHz	dB	30	45	-	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



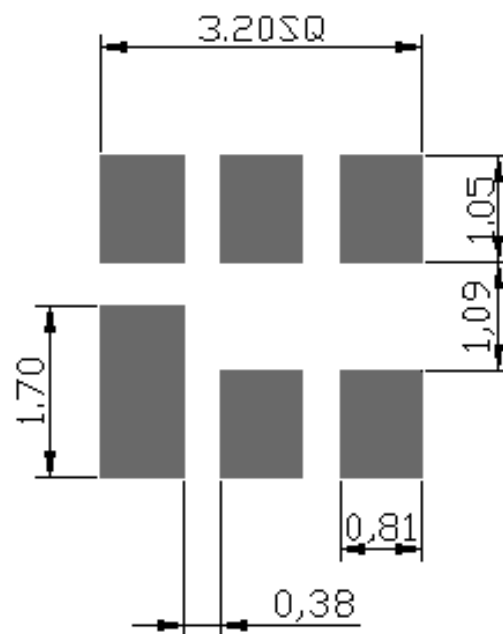
D.OUTLINE DRAWING:



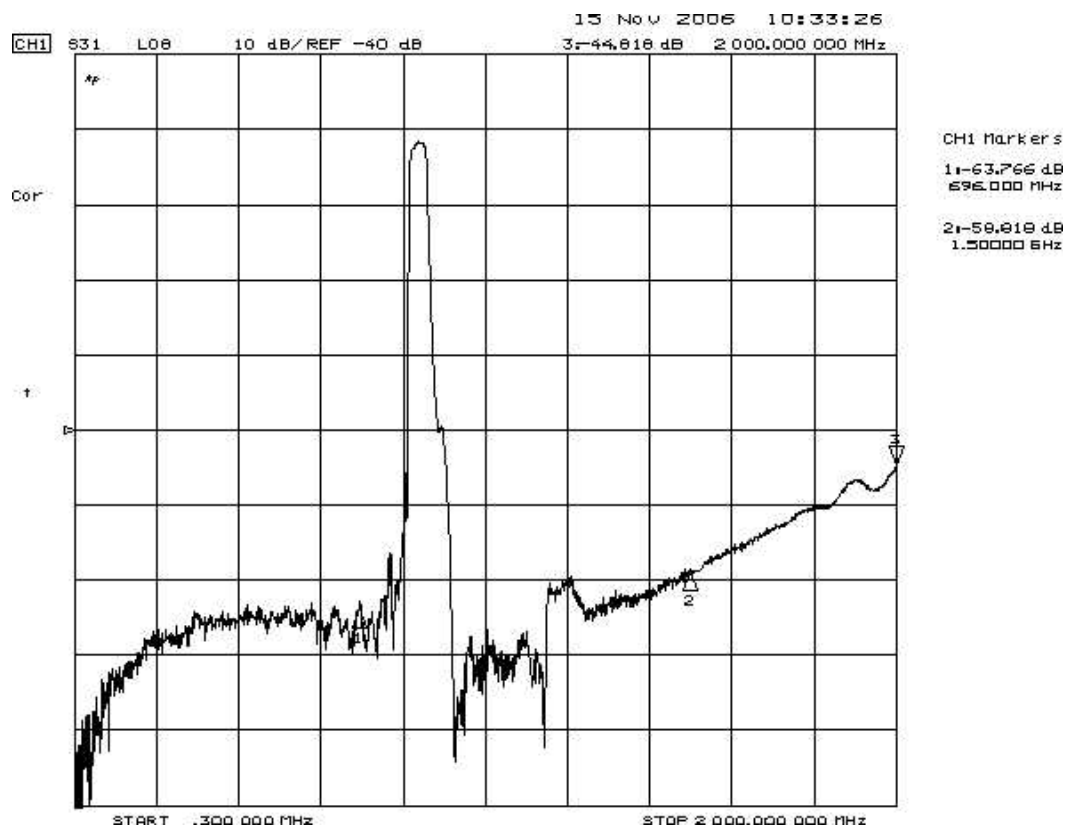
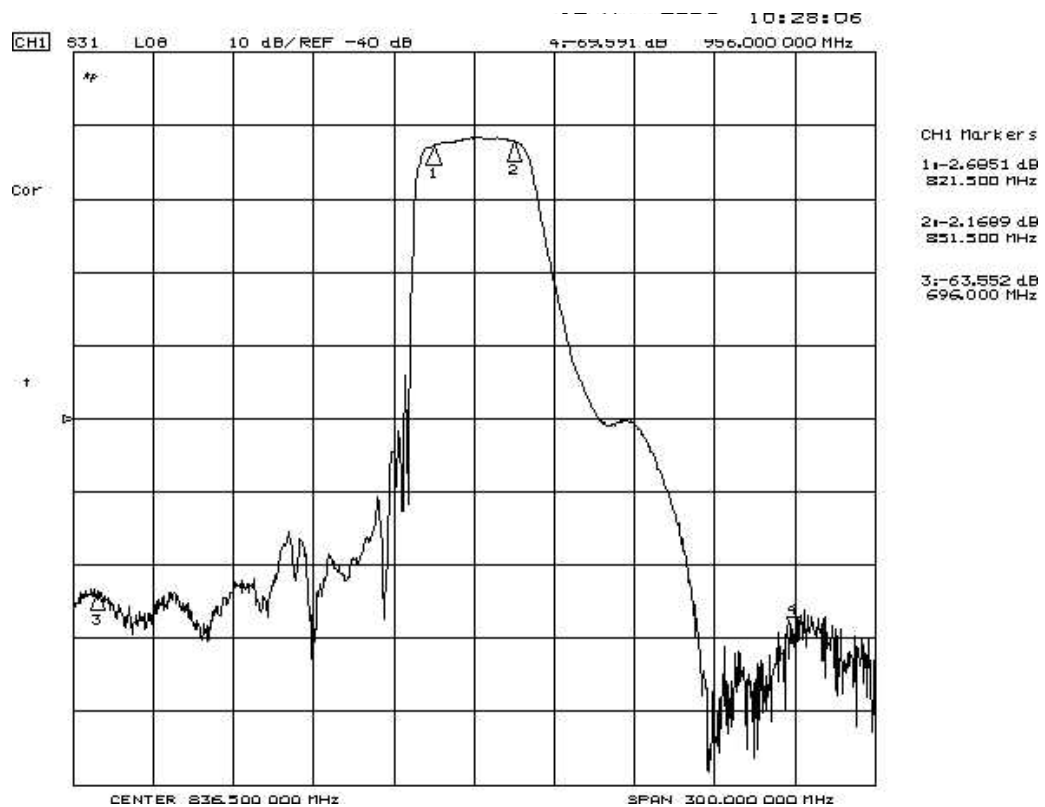
△ : Year Code (2006->6, ..., 2009->9)

□ : Date Code (Follow the table from planner each year)

E. PCB Footprint:

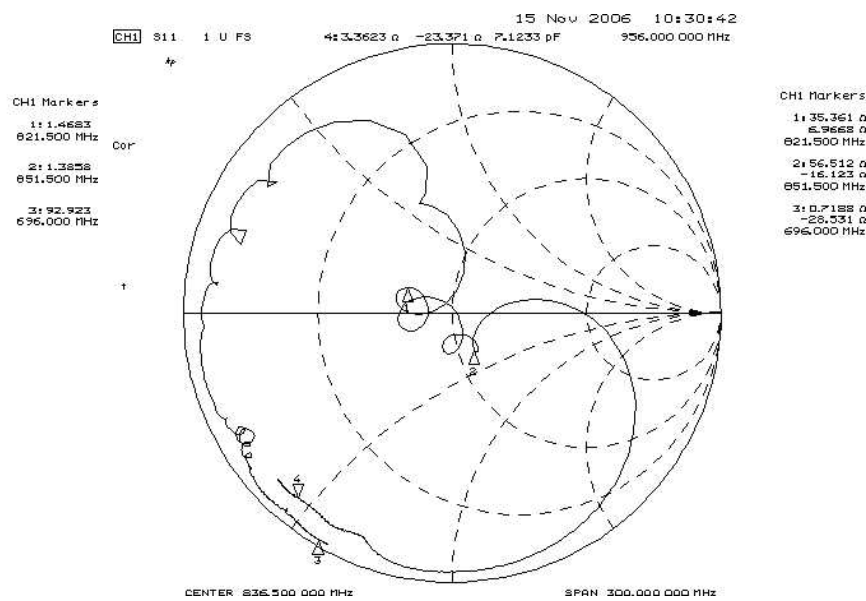
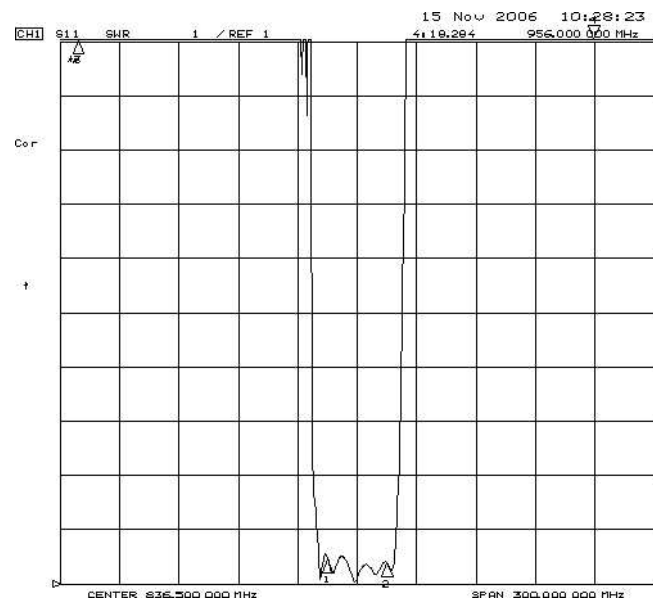


F. Frequency Characteristics :

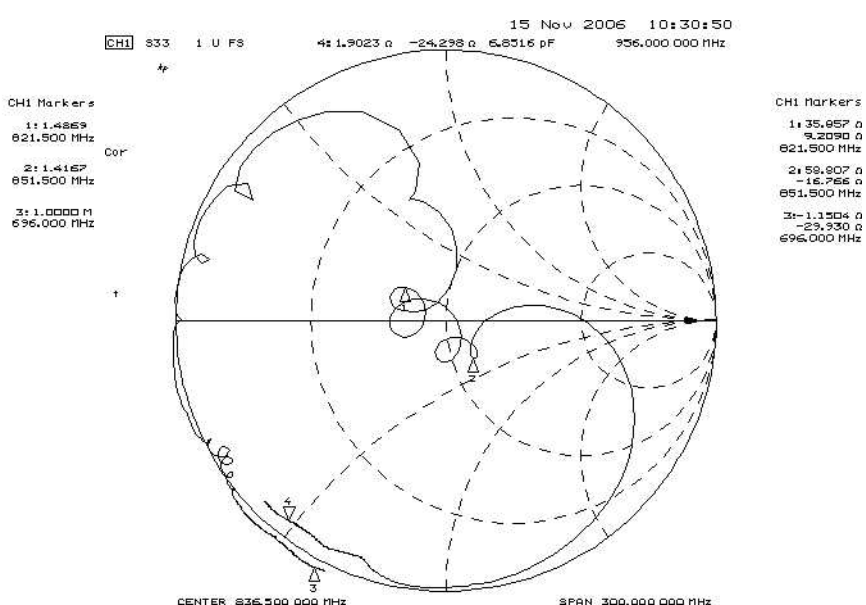
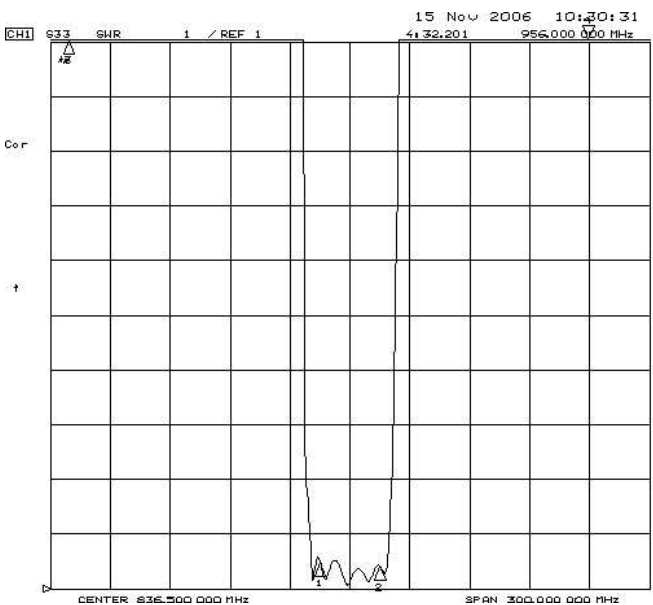


Reflections Functions :

S11 VSWR



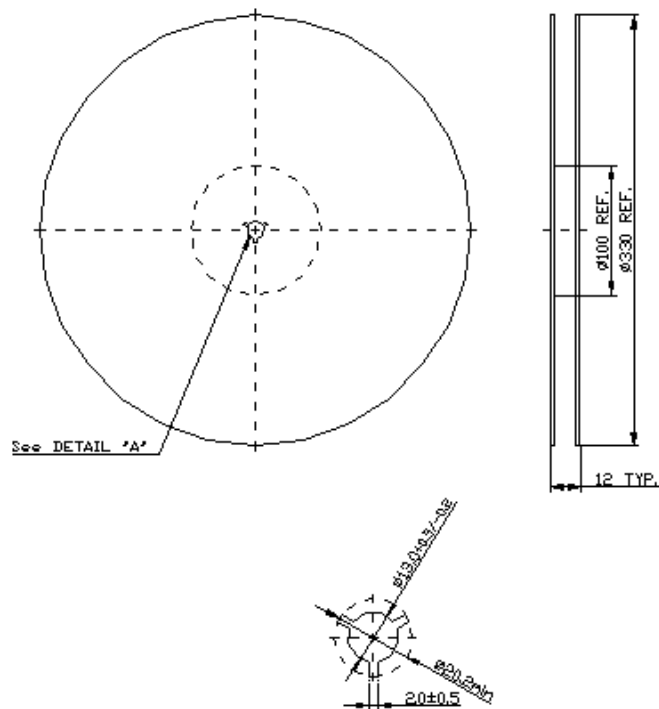
S22 VSWR



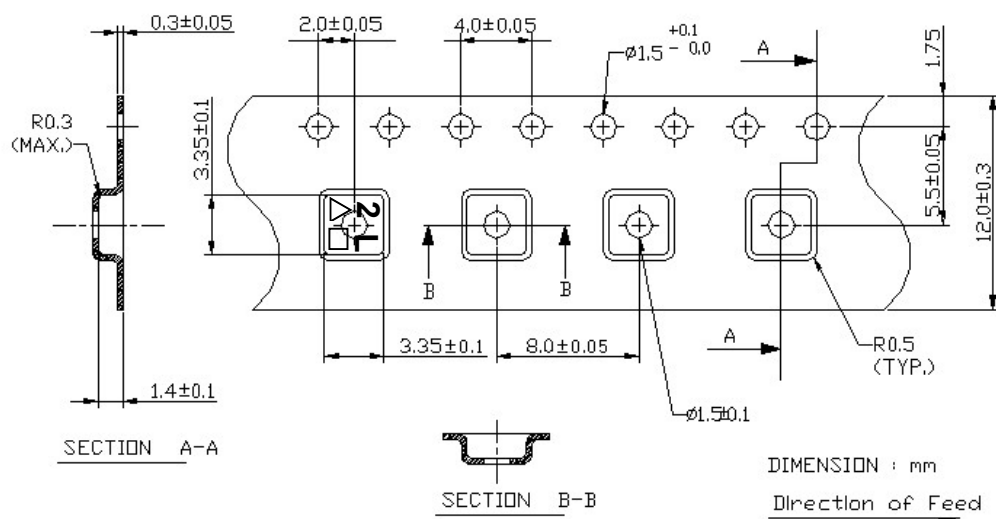
G. PACKING:

1. REEL DIMENSION

(Reel Count : 7''=1000 ; 13''=3000)



2.TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

