



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: Mar, 6, 2007

Product Name: SAW Filter 814 MHz SMD 3.0X3.0 mm

TST Parts No.: TA0660A

Customer Parts No.: _____

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

Checked by: _____ Bob Chau

Approval by: _____ Francis Chen

Date: _____ 3, 6, 2007



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SAW Filter 814MHz

MODEL NO.:TA0660A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -25°C to +75°C
4. Storage Temperature: -30°C to +85°C

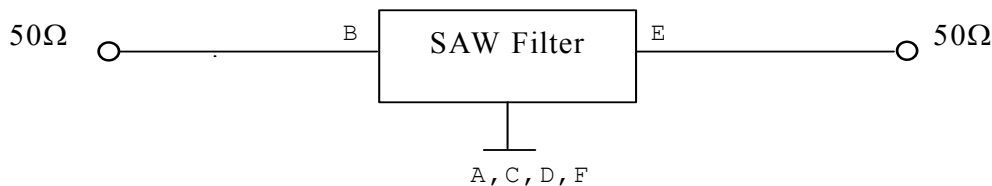
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

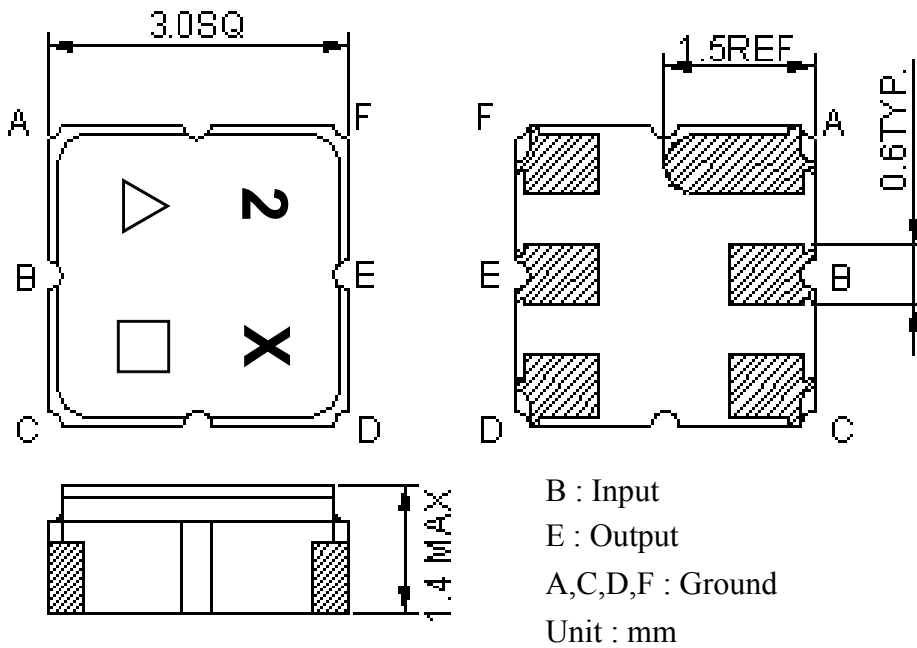
Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	814	-	-
Insertion Loss (798 ~ 830 MHz) IL	dB	-	3.4	4.2	-
Amplitude Ripple (798 ~ 830 MHz)	dB	-	1.8	2.5	-
VSWR (798 ~ 830 MHz)		-	1.9	2.5	-
Relative Attenuation (relative to 0 dB)					
D.C. ~ 735 MHz	dB	40	57	-	-
761 ~ 780 MHz	dB	20	50	-	-
851 ~ 870 MHz	dB	20	33	-	-
896 ~ 1200 MHz	dB	40	54	-	-
1200 ~ 2000 MHz	dB	20	40	-	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



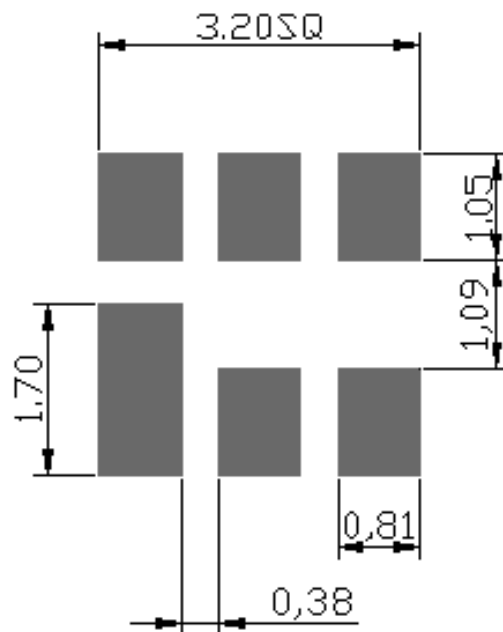
D.OUTLINE DRAWING:



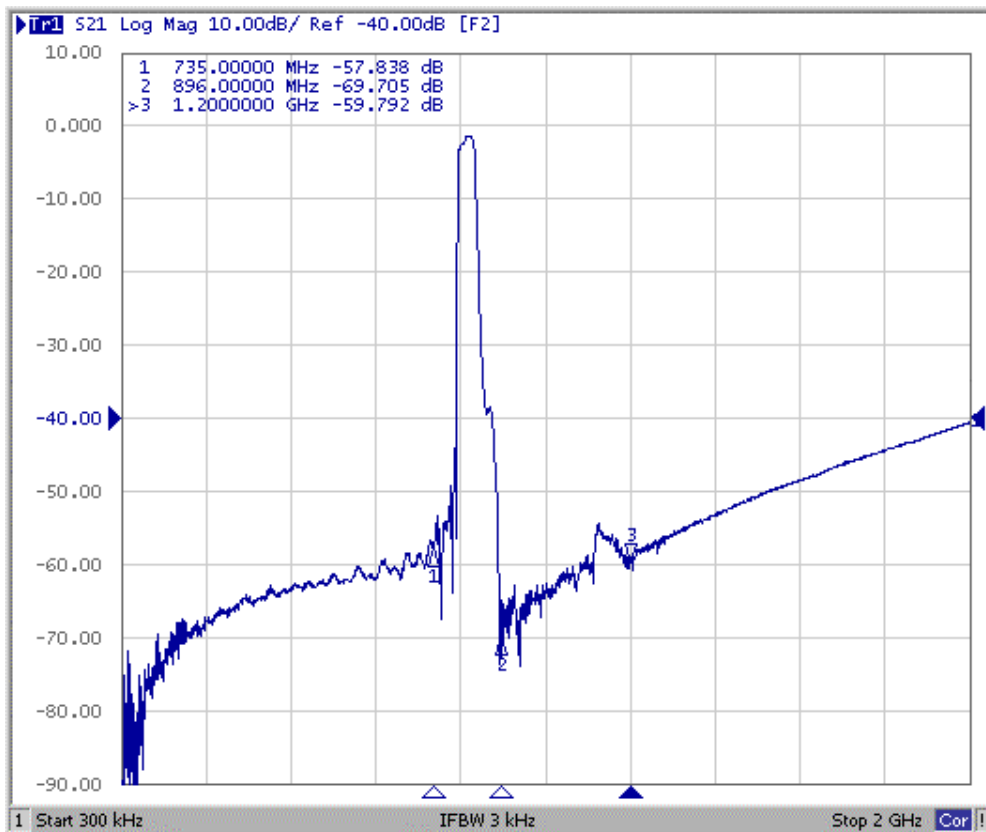
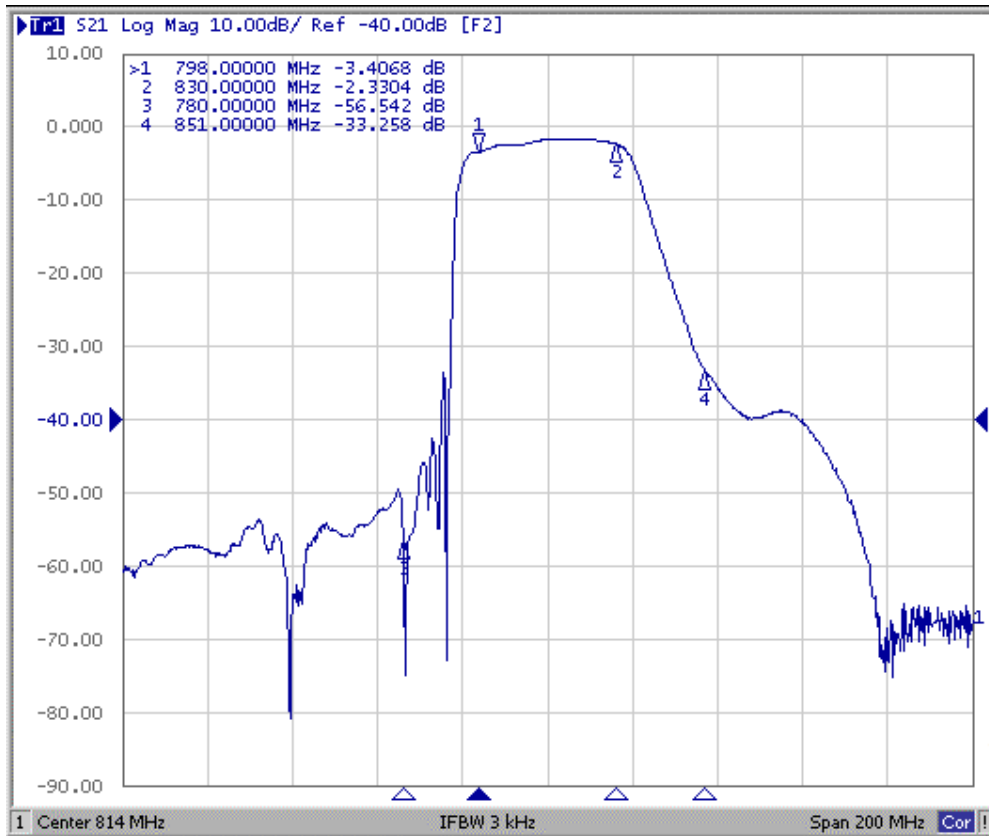
△ : Year Code (2006->6, ..., 2009->9)

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

E. PCB Footprint:

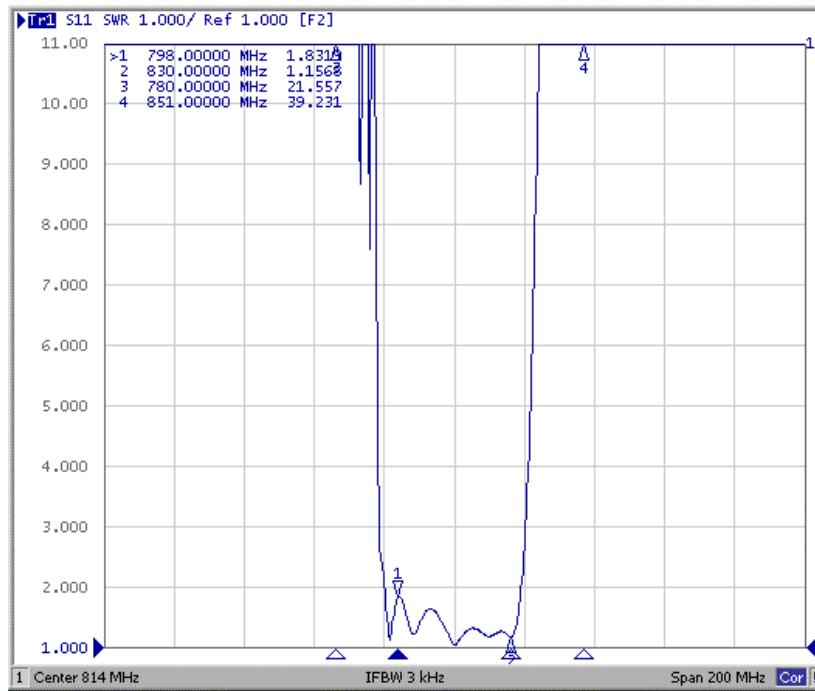


F. Frequency Characteristics :

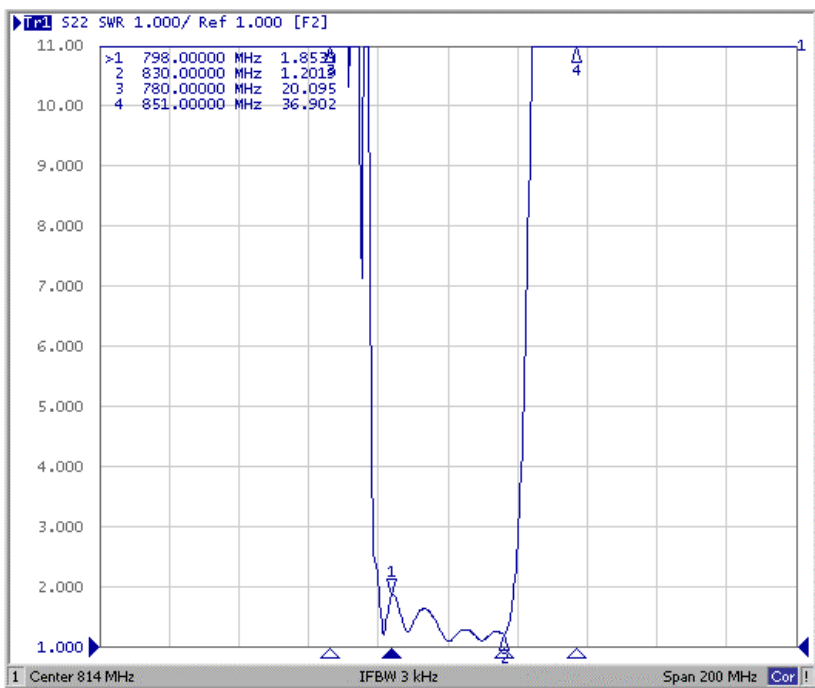


Reflections Functions :

S11 VSWR



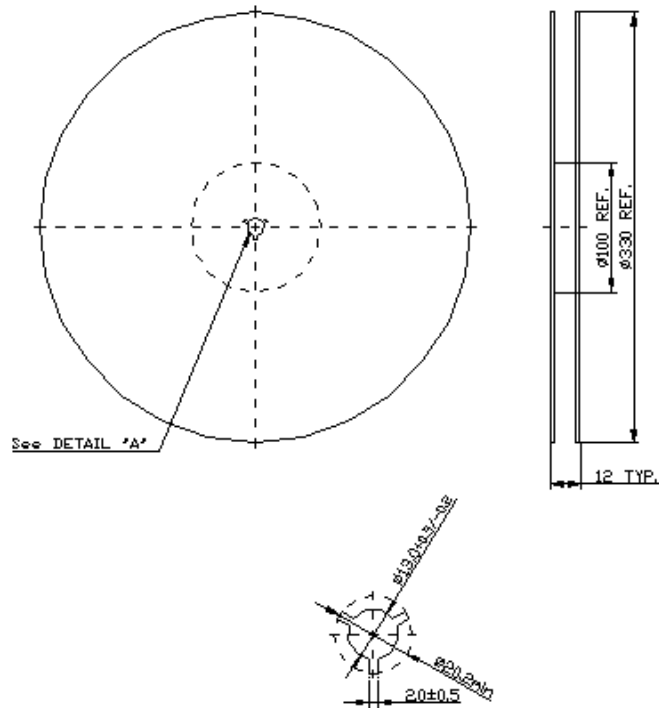
S22 VSWR



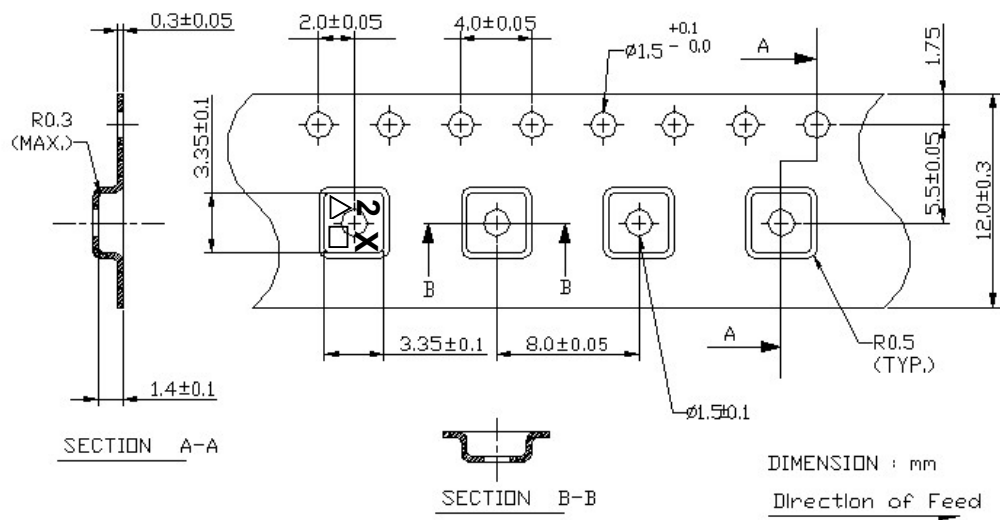
G. PACKING:

1. REEL DIMENSION

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



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

