



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: May, 6, 2008

Product Name: SAW Filter 2330 MHz SMD 3.0X3.0 mm

TST Parts No.: TA0843A

Customer Parts No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Bob Chau

Approval by: _____ Francis Chen

Date: _____ 5, 6, 2008



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SAW Filter 2330 MHz

MODEL NO.:TA0843A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -50°C to +95°C

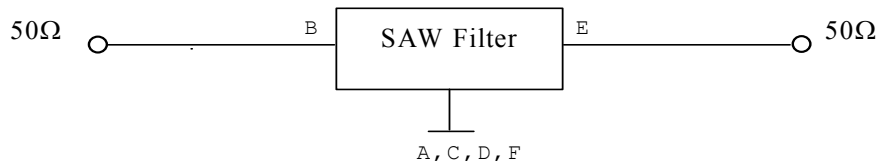
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

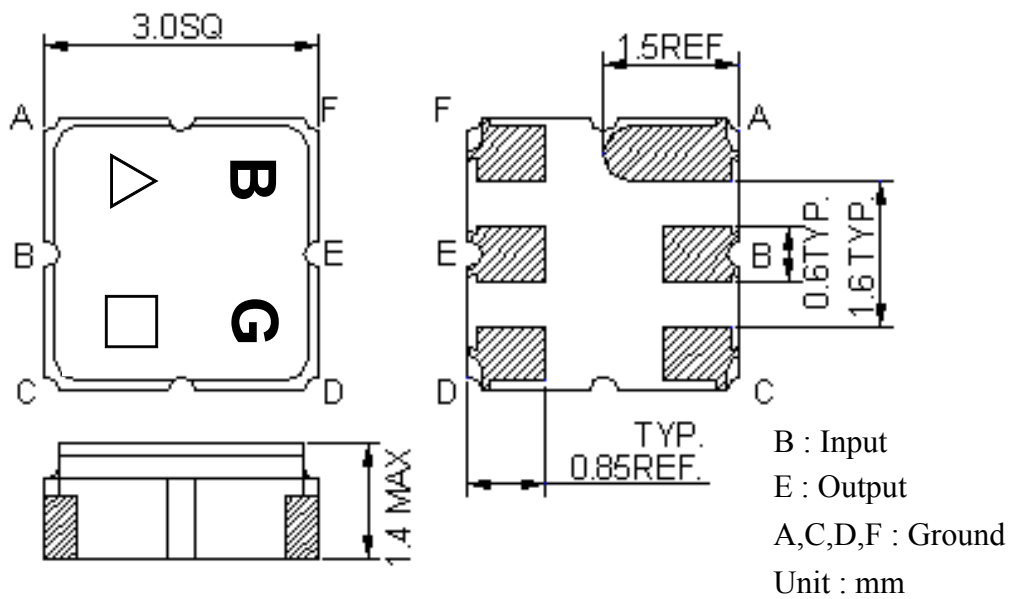
Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	2330	-	-
Insertion Loss (2300 ~ 2360 MHz) IL	dB	-	2.4	3.2	-
Amplitude Ripple (2300 ~ 2360 MHz)	dB	-	1.1	2	-
Amplitude Ripple (2300 ~ 2320 MHz)	dB	-	0.3	1	-
Amplitude Ripple (2320 ~ 2340 MHz)	dB	-	0.6	1	-
Amplitude Ripple (2340 ~ 2360 MHz)	dB	-	0.5	1	-
Return Loss (2300~2360 MHz)	dB	9	9.5	-	-
Attenuation (Reference level from 0 dB)					
DC ~ 2085 MHz	dB	25	30	-	-
2097 ~ 2235 MHz	dB	25	36	-	-
2235 ~ 2256 MHz	dB	15	29	-	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



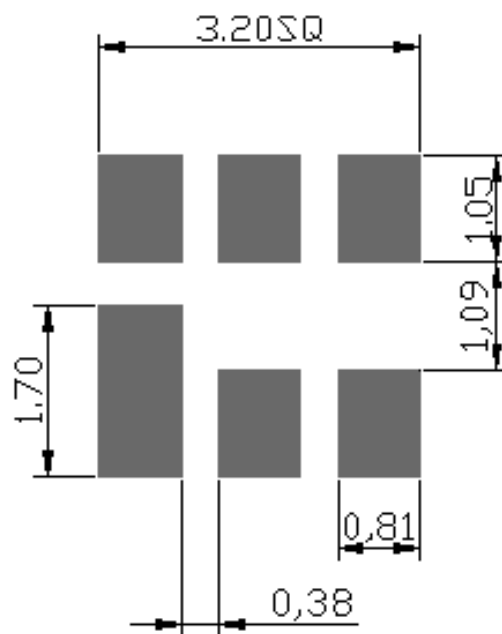
D.OUTLINE DRAWING:



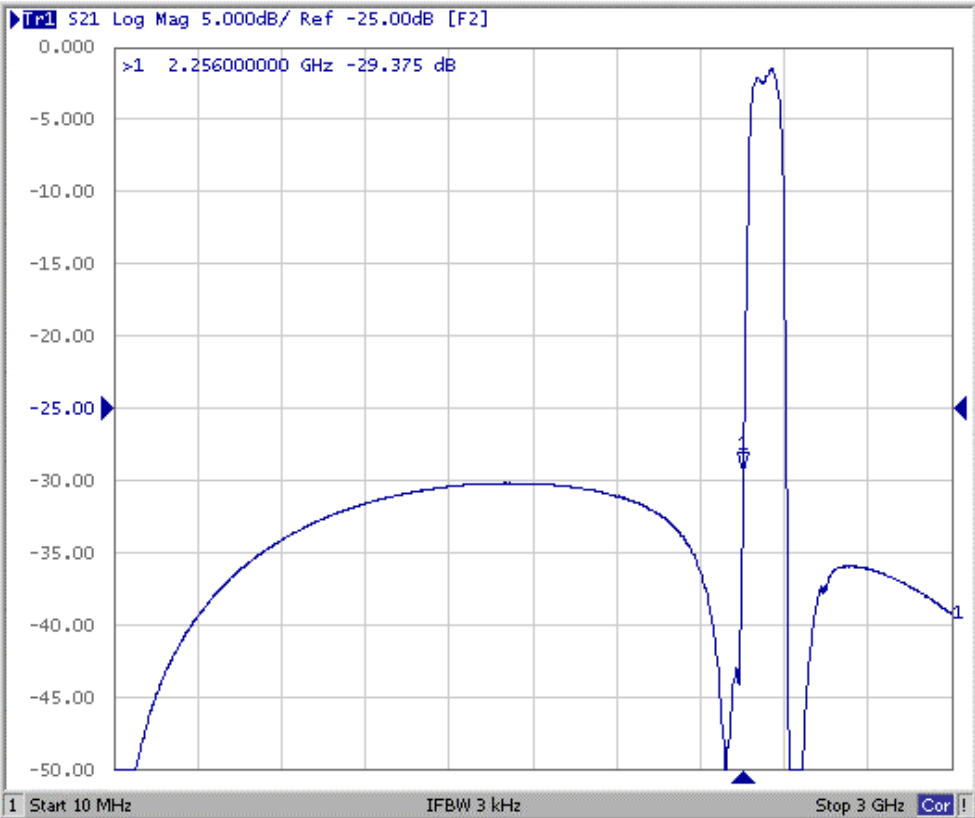
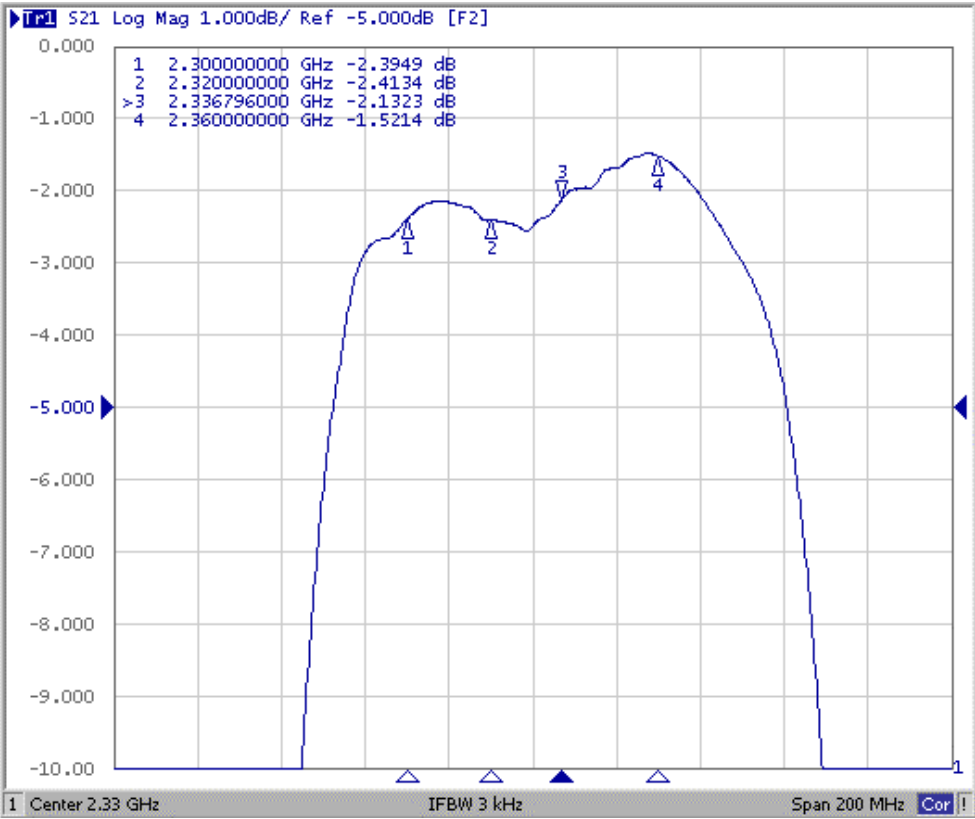
△ : Year Code (2006->6, ..., 2009->9)

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

E. PCB Footprint:

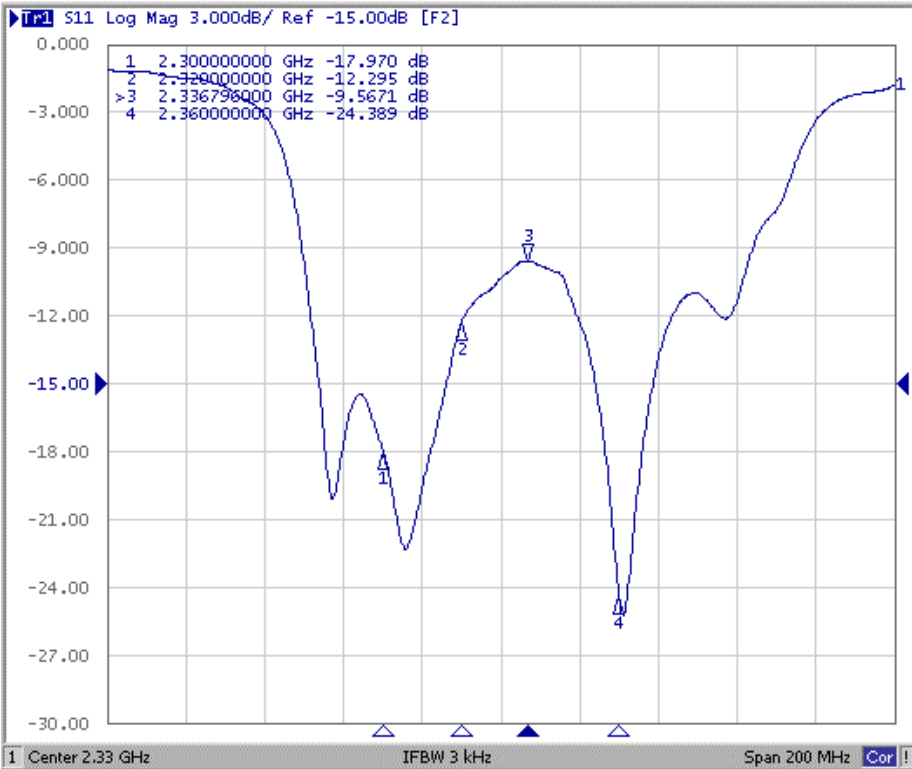


F. Frequency Characteristics :

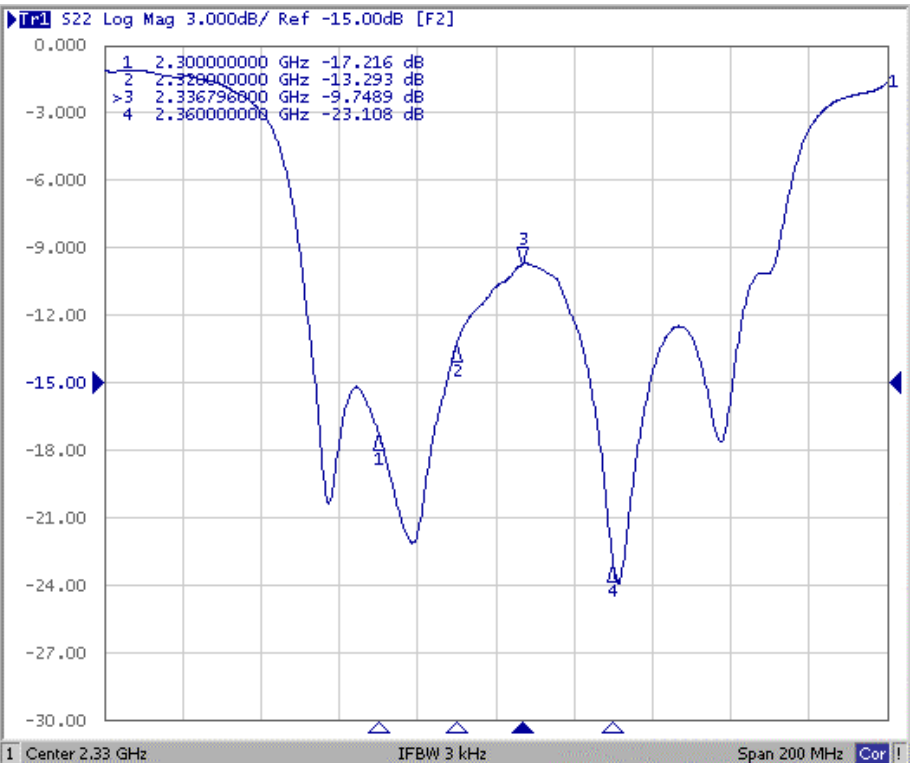


Reflection Functions :

S11



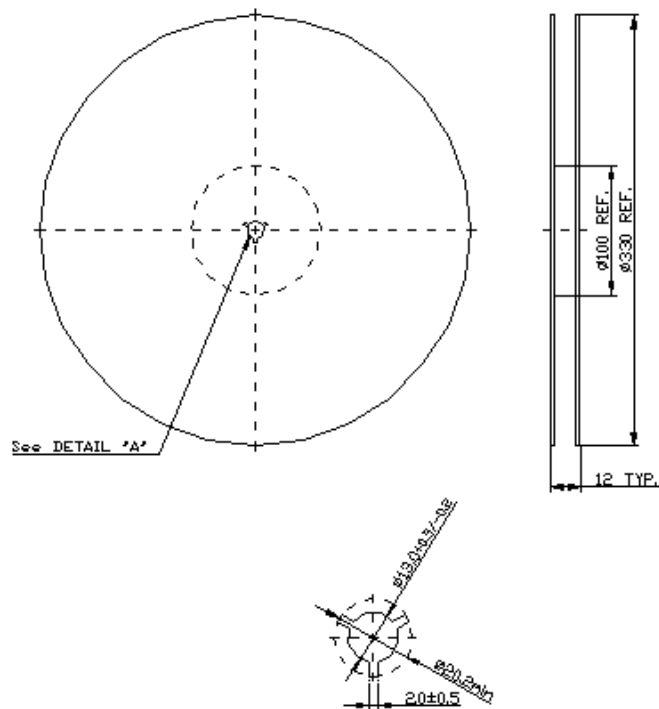
S22



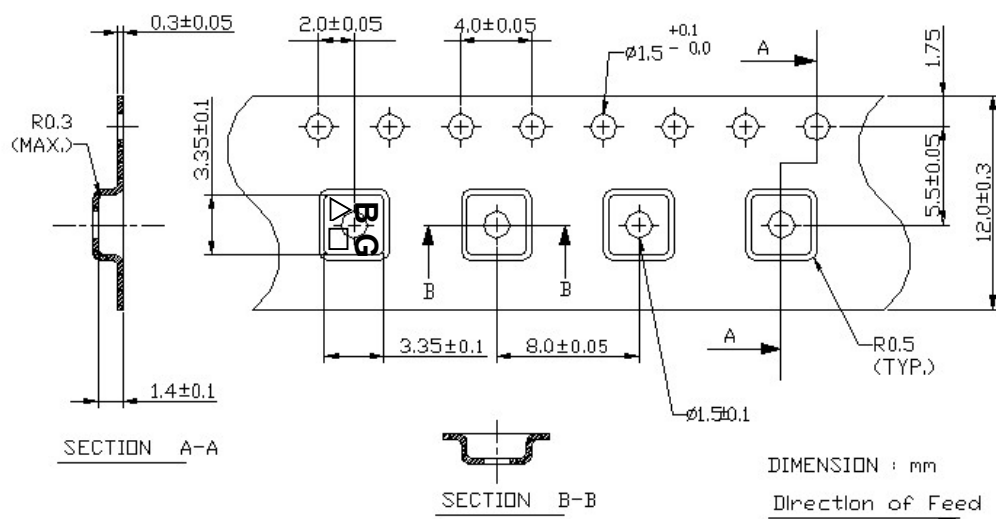
G. PACKING:

1. REEL DIMENSION

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



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

