



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: Apr, 11, 2008

Product Name: SAW Filter 1246 MHz SMD 3.0X3.0 mm

TST Parts No.: TA0841A

Customer Parts No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Bob Chau

Approval by: _____ Francis Chen

Date: _____ 4, 11, 2008



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SAW Filter 1246 MHz

MODEL NO.:TA0841A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -30°C to +70°C
4. Storage Temperature: -40°C to +85°C

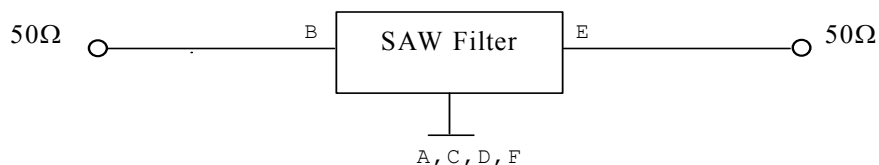
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

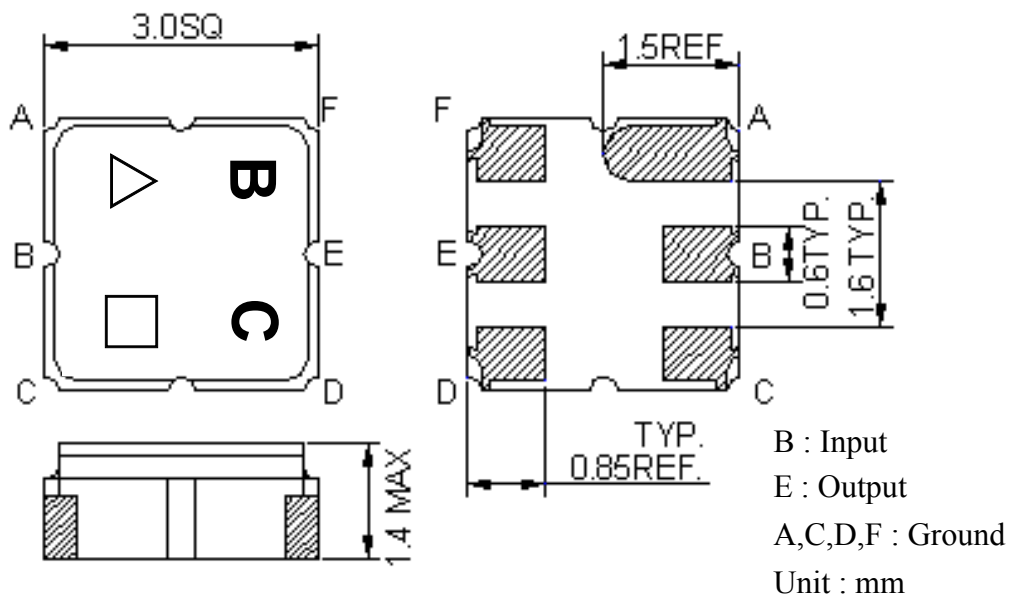
Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	1246	-	-
Min. Insertion Loss IL	dB	-	2.6	3.8	-
1 dB Bandwidth	MHz	10	33	-	-
10 dB Bandwidth	MHz	-	49	60	-
Amplitude Ripple (1241~1251 MHz)	dB	-	0.3	1.8	-
VSWR (1241~1251 MHz)		-	1.3	2	-
Attenuation (Reference level from 0 dB)					
10 ~ 1000 MHz	dB	30	56	-	-
1300 ~ 2200 MHz	dB	30	36	-	-
2200 ~ 3000 MHz	dB	20	25		
Temperature Coefficient of Frequency	Ppm/°C	-	-36	-	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



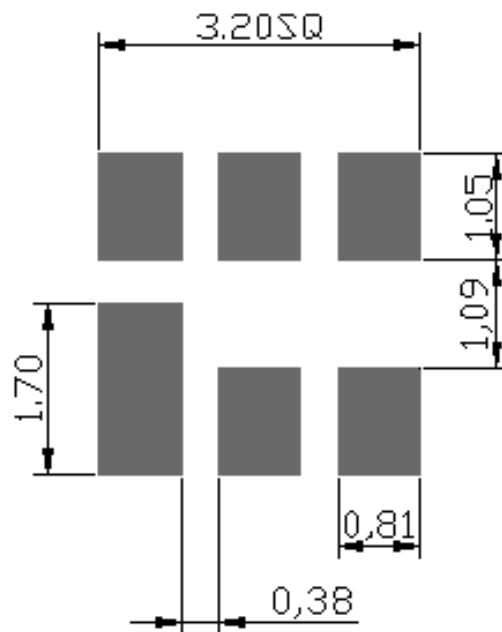
D.OUTLINE DRAWING:



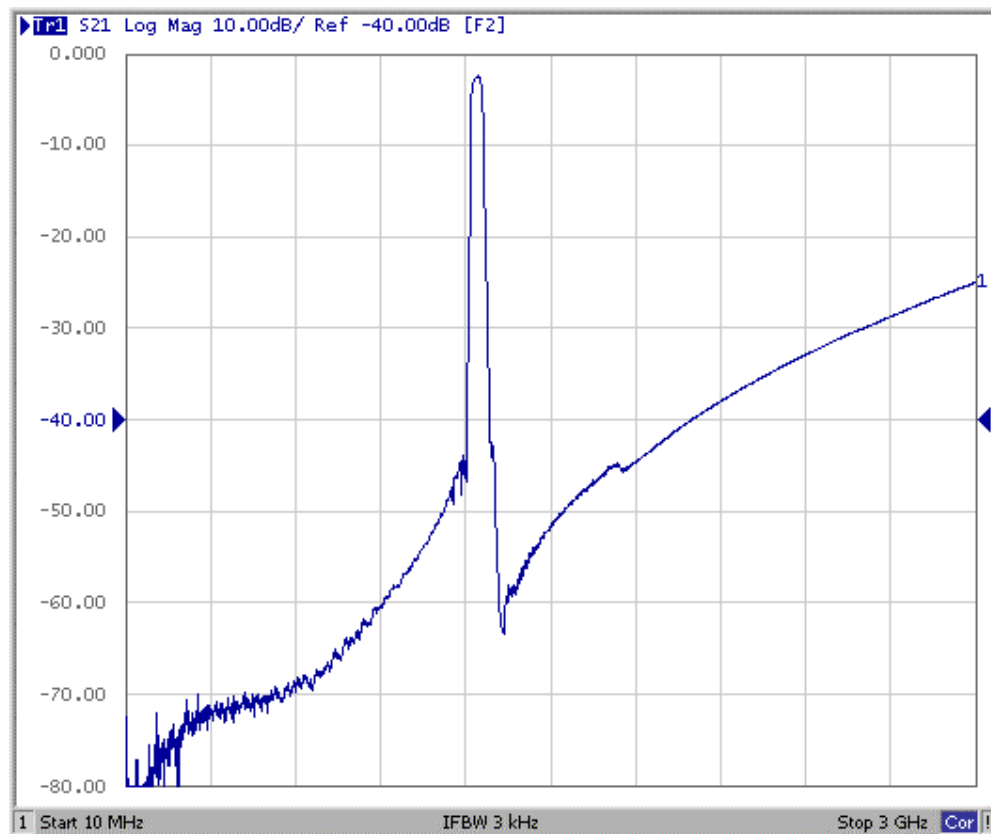
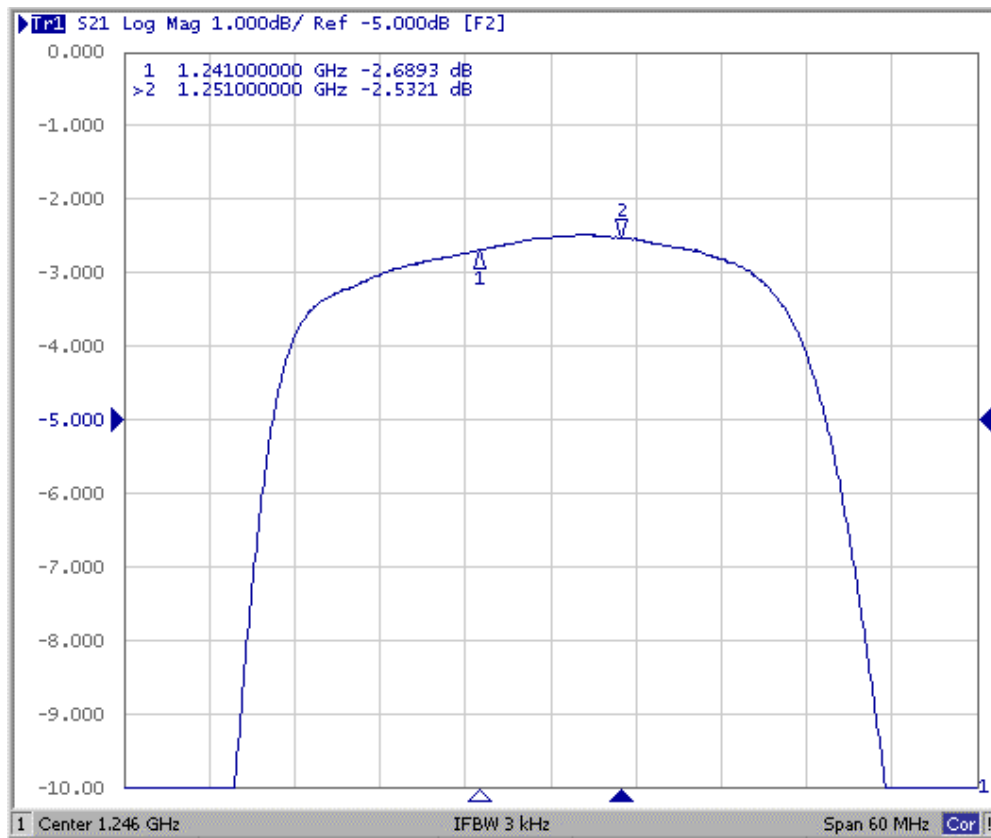
△ : Year Code (2006->6, ..., 2009->9)

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

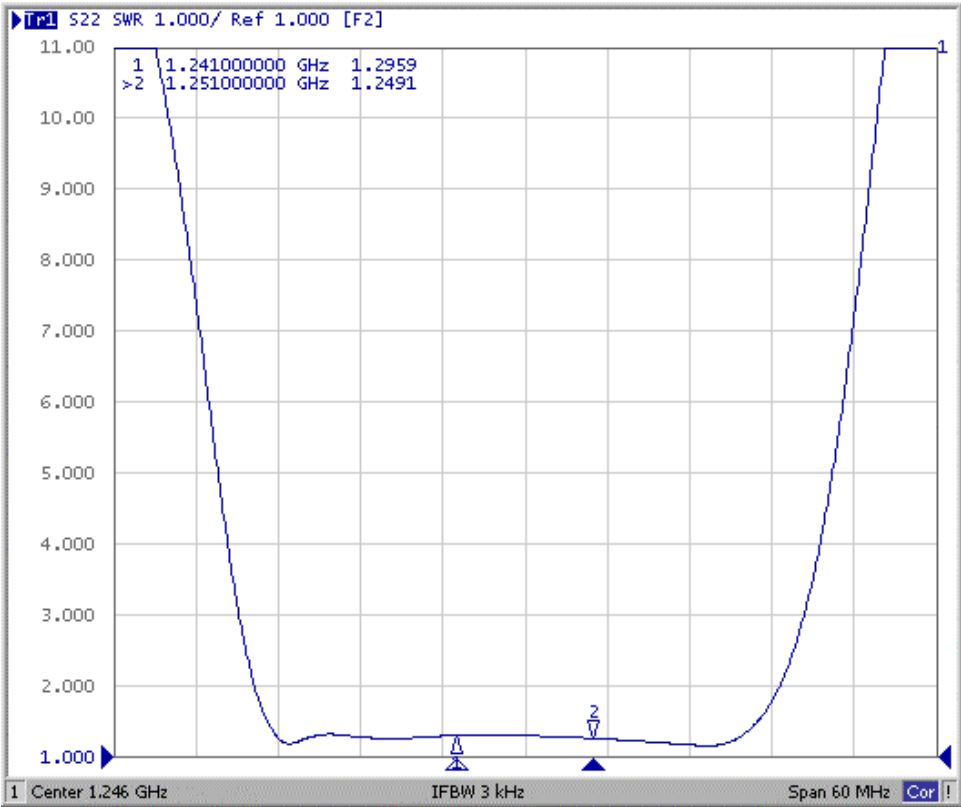
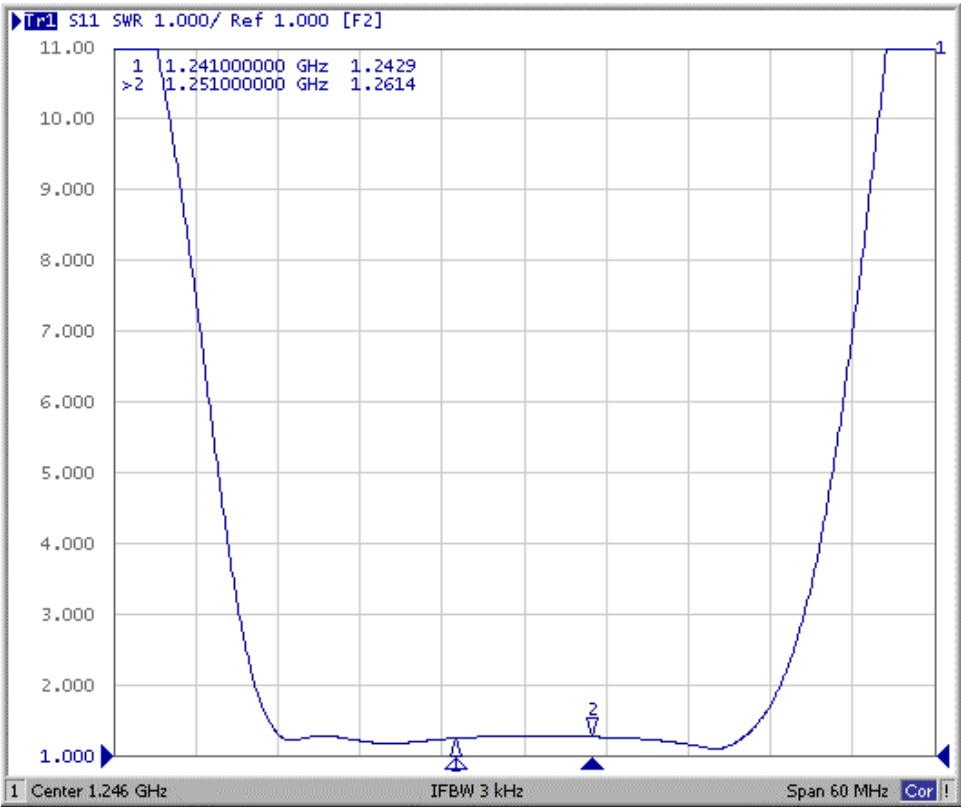
E. PCB Footprint:



F. Frequency Characteristics :



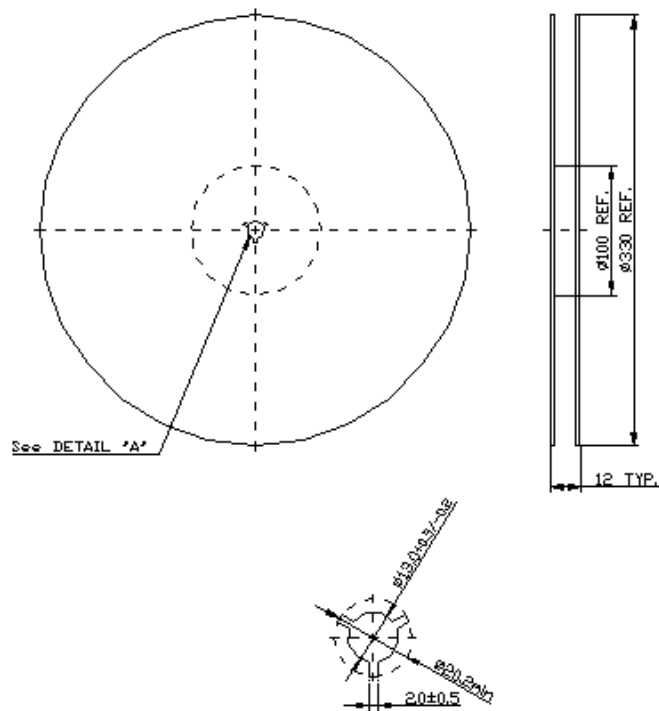
Reflection Functions :



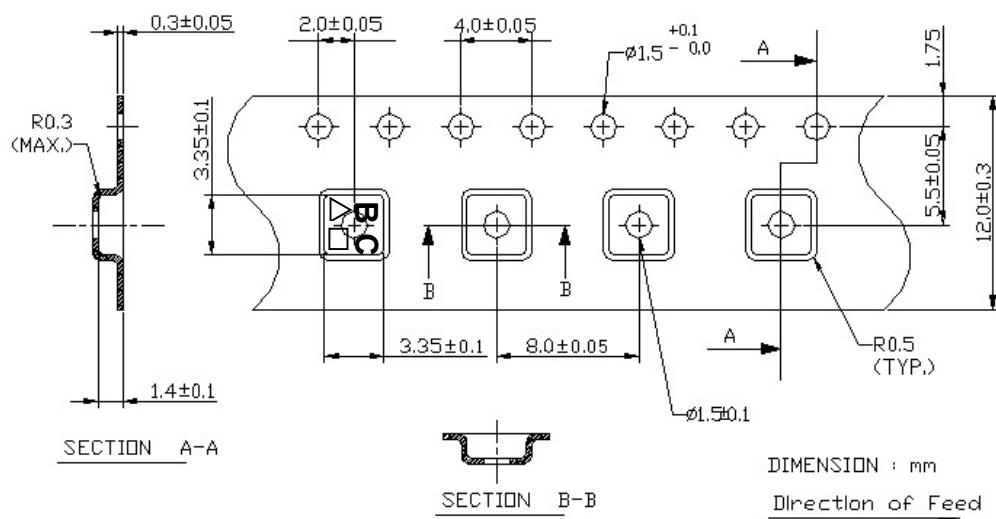
G. PACKING:

1. REEL DIMENSION

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



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

