



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: Dec, 28, 2007

Product Name: SAW Filter 2313.5 MHz SMD 3.0X3.0 mm

TST Parts No.: TA0803A

Customer Parts No.: _____

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

Checked by: _____ Bob Chau

Approval by: _____ Francis Chen

Date: _____ 12, 28, 2007



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SAW Filter 2313.5 MHz

MODEL NO.:TA0803A

REV. NO.:1

A. MAXIMUM RATING:

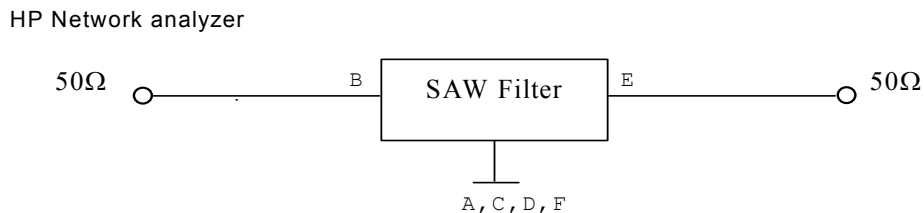
1. Input Power Level: 8 dBm
2. DC Voltage : 5 V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

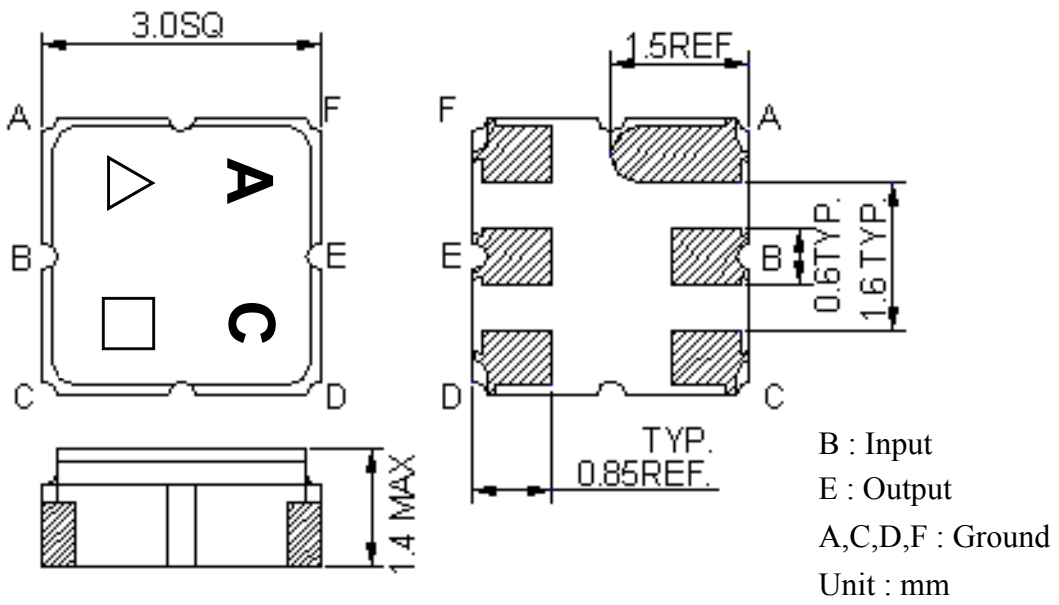
B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	2313.5	-	-
Insertion Loss (2300 ~ 2327 MHz) IL	dB	-	2.4	3	-
Amplitude Ripple (2300 ~ 2327 MHz)	dB	-	0.7	1.8	-
I/O Return Loss (2300 ~ 2327 MHz)	dB	12	17	-	-
Attenuation (Reference level from 0 dB)					
1800 ~ 2200 MHz	dB	40	45	-	-
2200 ~ 2238.5 MHz	dB	25	32	-	-
2390 ~ 2400 MHz	dB	30	50	-	-
2400 ~ 2800 MHz	dB	40	52	-	-

C. MEASUREMENT CIRCUIT:



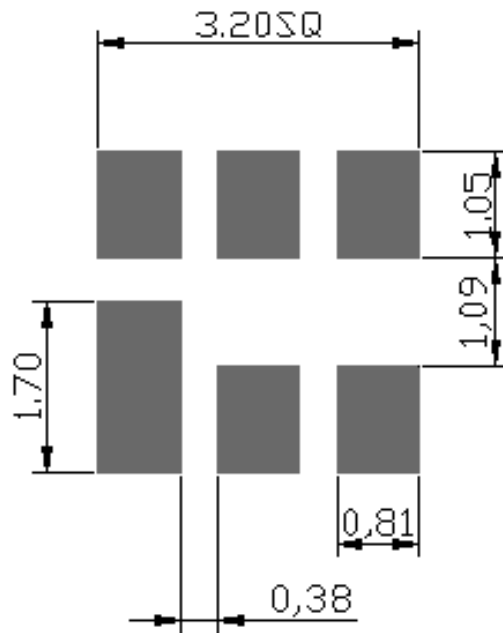
D.OUTLINE DRAWING:



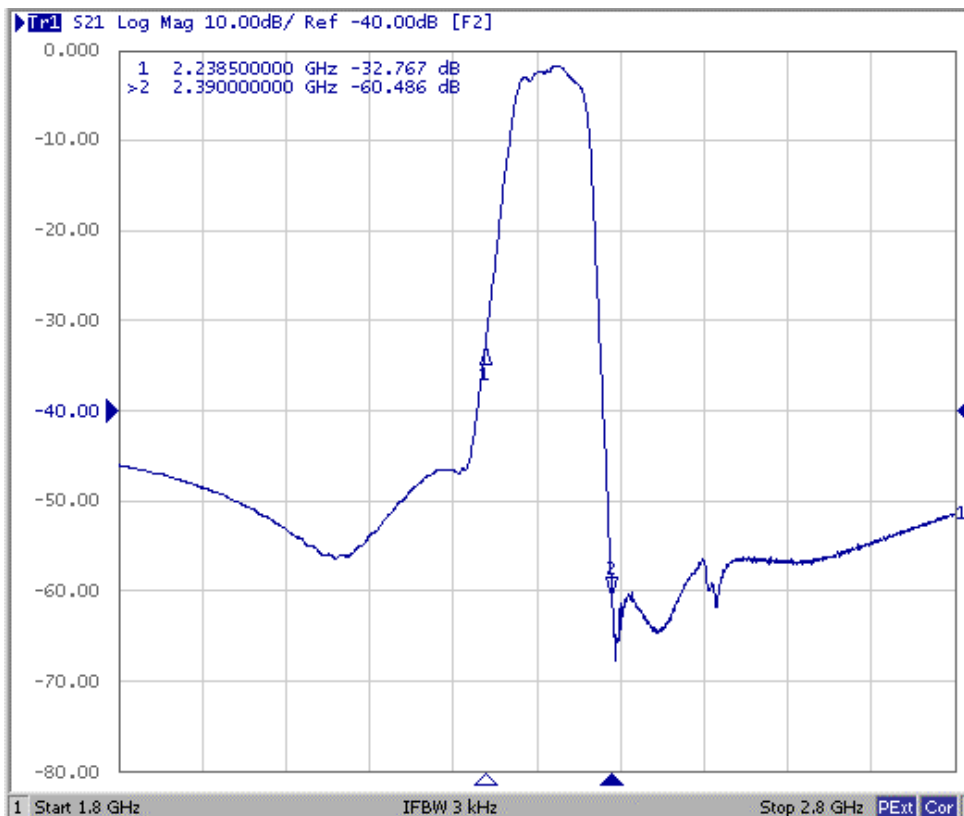
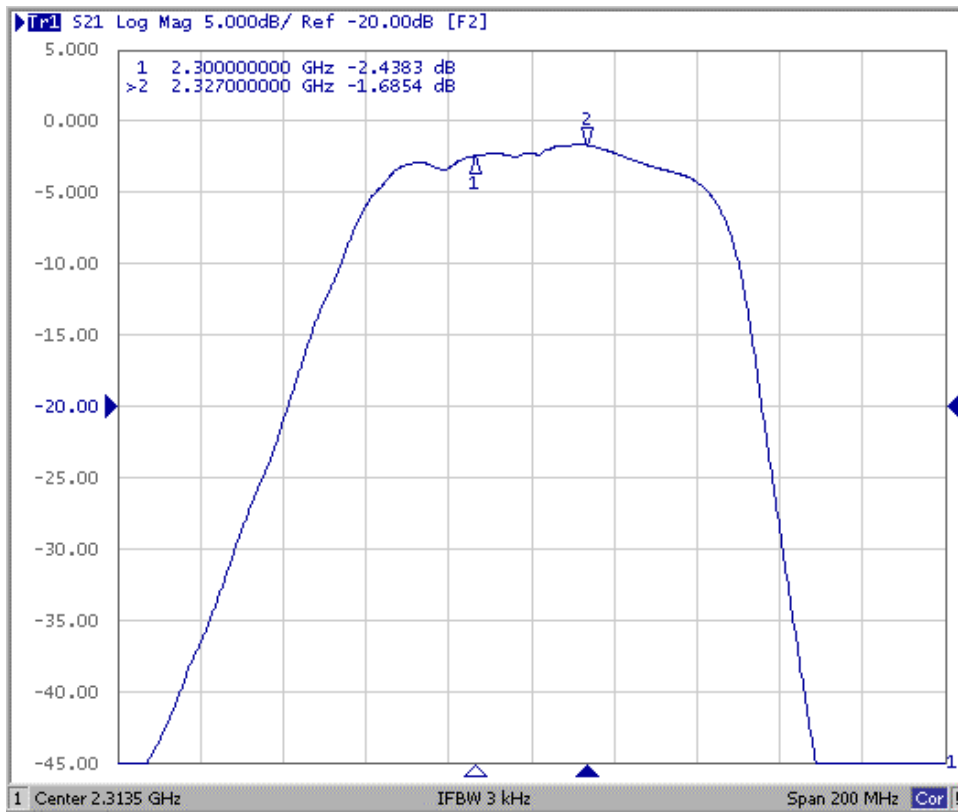
△ : Year Code (2006->6, ..., 2009->9)

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

E. PCB Footprint:

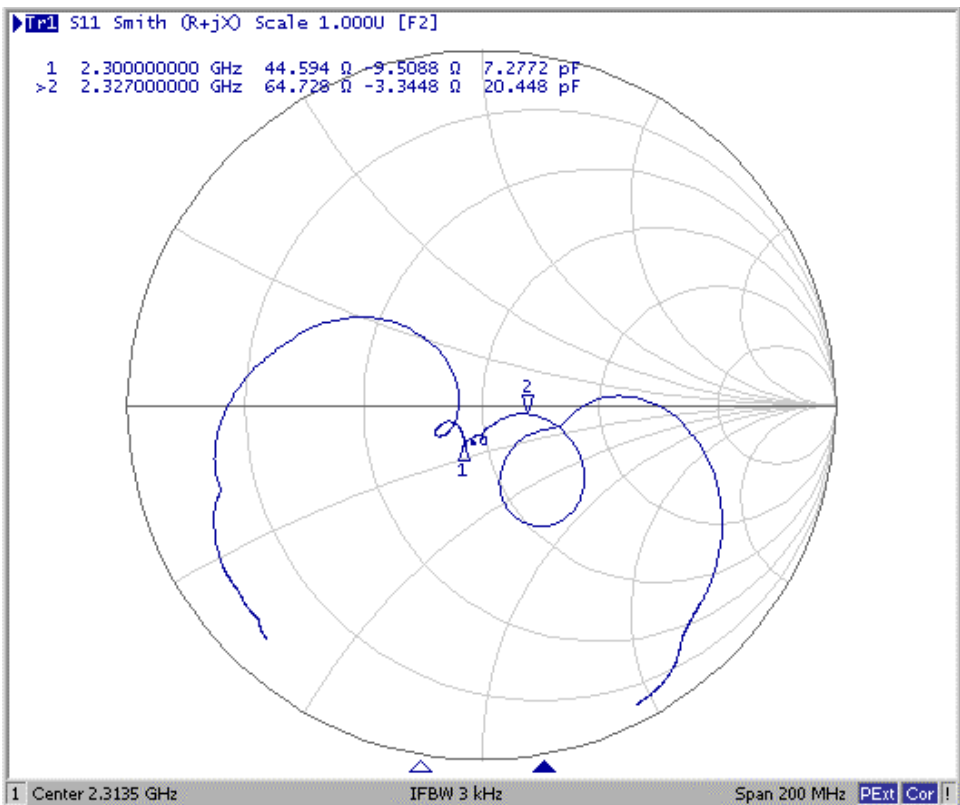
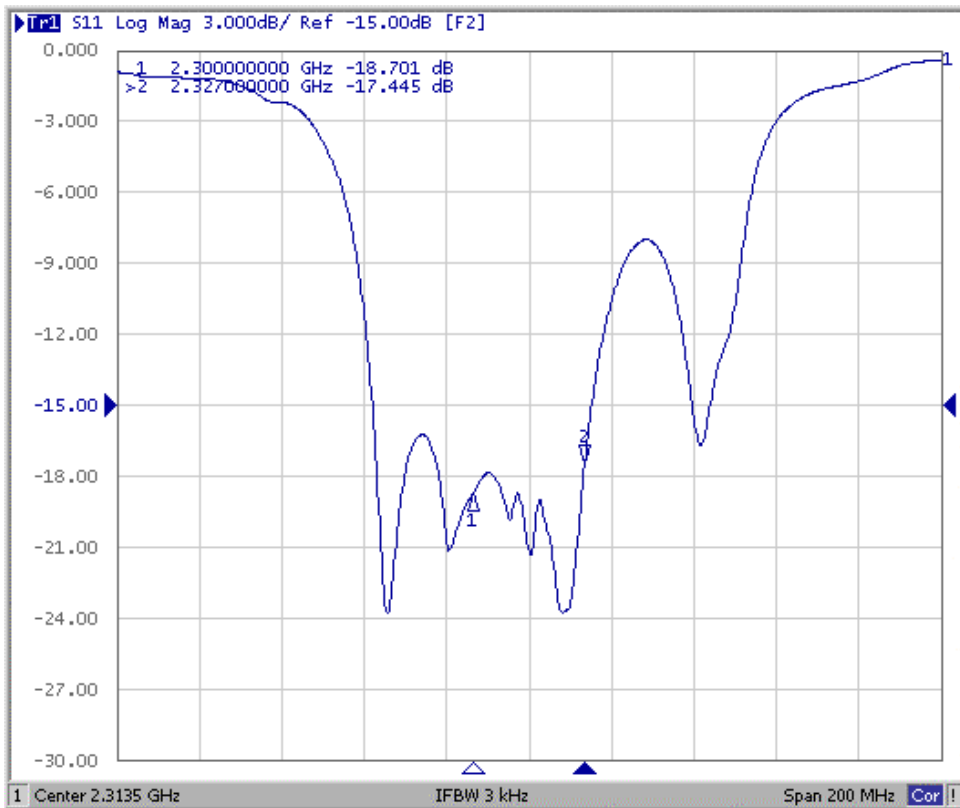


F. Frequency Characteristics :

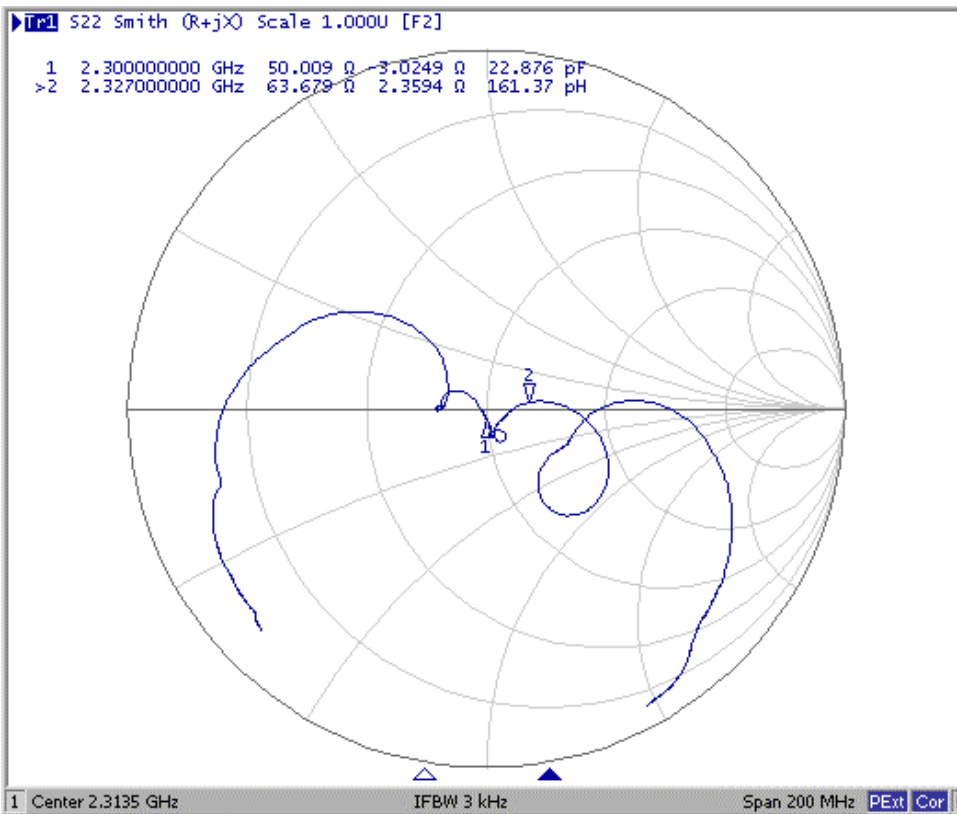
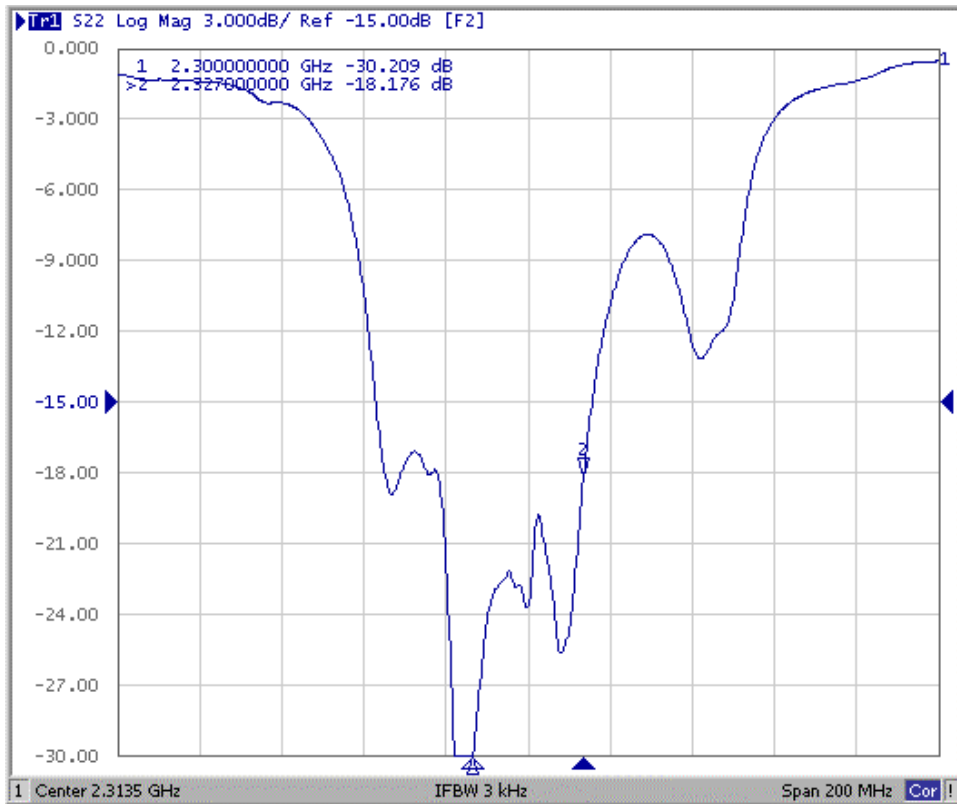


Reflection Functions :

S11



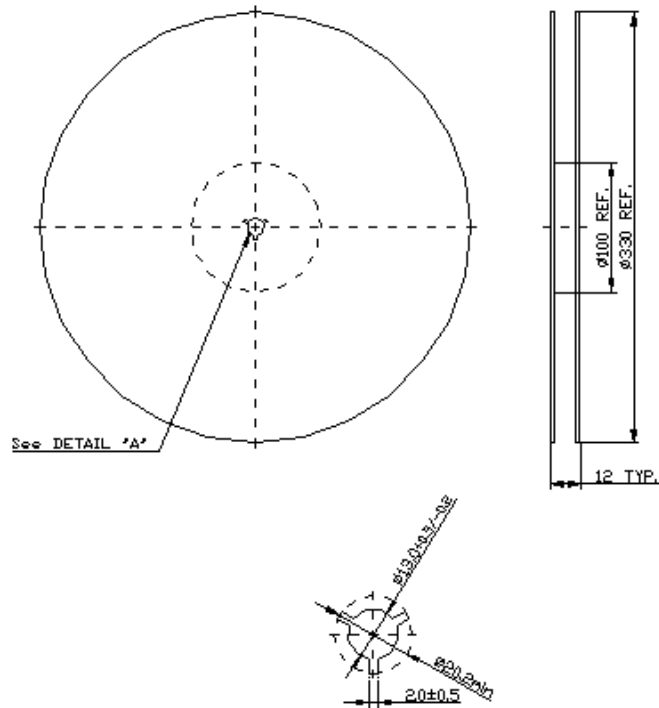
S22



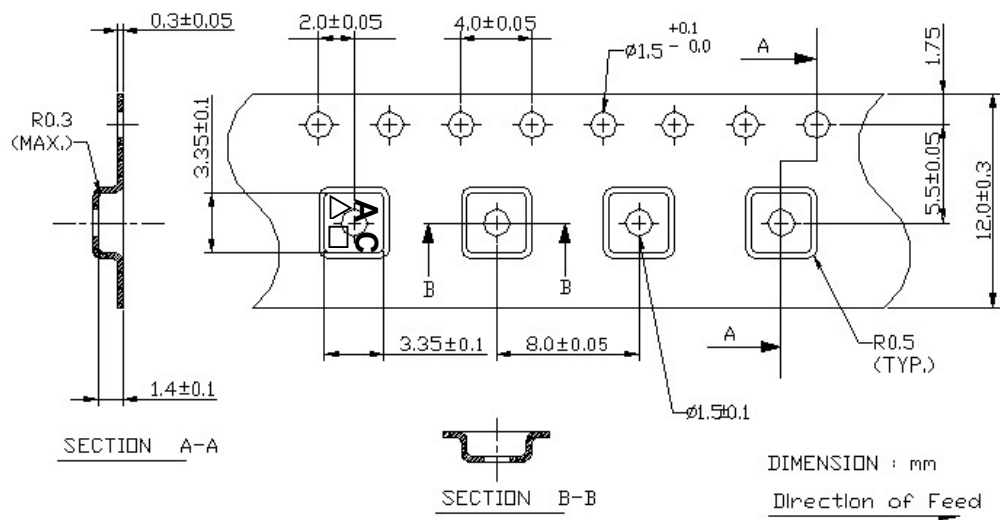
G. PACKING:

1. REEL DIMENSION

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



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

