



TAI-SAW TECHNOLOGY CO., LTD.

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Approval Sheet For Product Specification

Issued Date: Apr, 17, 2009

Product Name: SAW Filter 1200 MHz SMD 3.0x3.0 mm

TST Parts No.:TA0582A

Customer Parts No.: _____

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

Checked by: _____ Bob Chau *Bob Chau*

Approval by: _____ Francis Chen *Francis Chen*

Date: _____ 4, 17, 2009



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SAW Filter 1200MHz

MODEL NO.:TA0582A

REV. NO.:2

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -55°C to +85°C
4. Storage Temperature: -55°C to +95°C

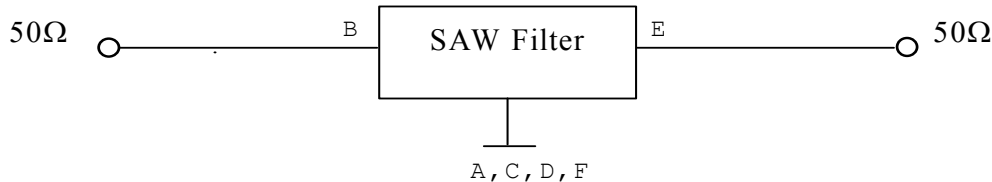
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

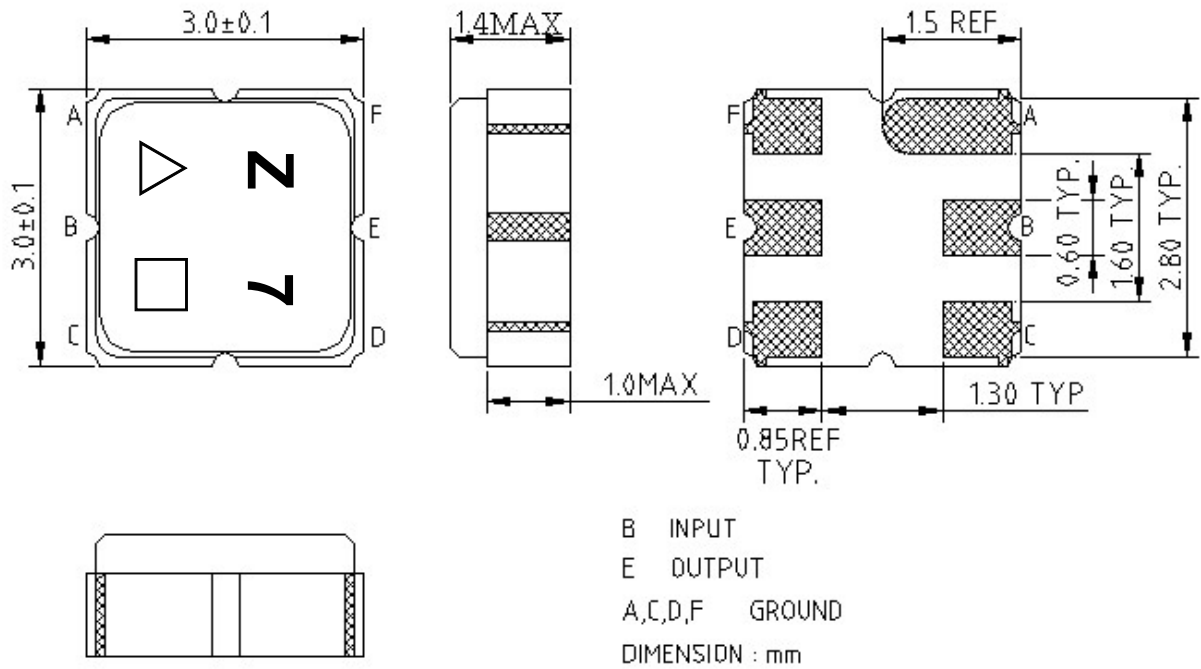
Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	1200	-	-
Insertion Loss (1180 ~ 1220 MHz) IL	dB	-	2.8	4	-
2 dB bandwidth BW₂	MHz	38	52	-	-
Relative Attenuation (relative to 0 dB)					
Fc-120 MHz	dB	35	60	-	-
1100 MHz	dB	45	60	-	-
1300 MHz	dB	40	48	-	-
Fc+120 MHz	dB	35	52	-	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer

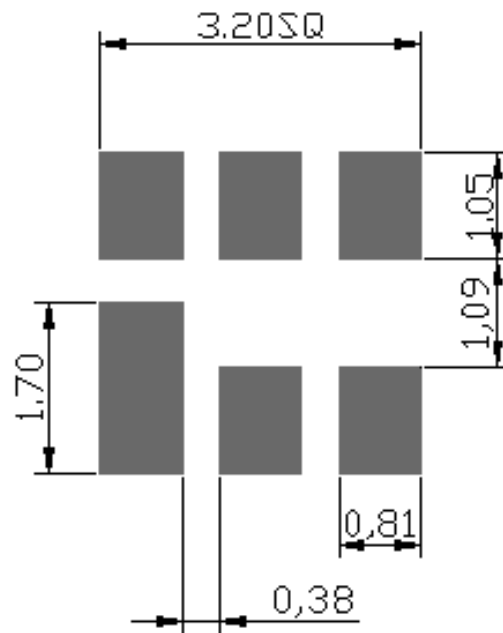


D.OUTLINE DRAWING:

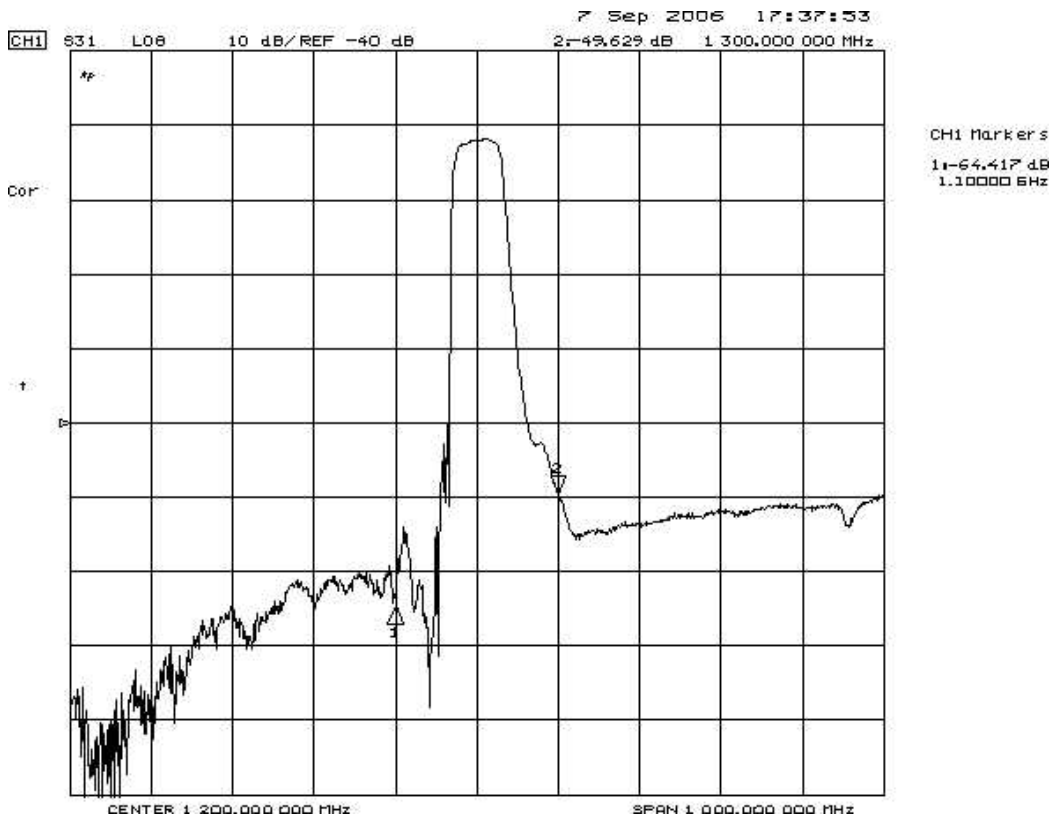
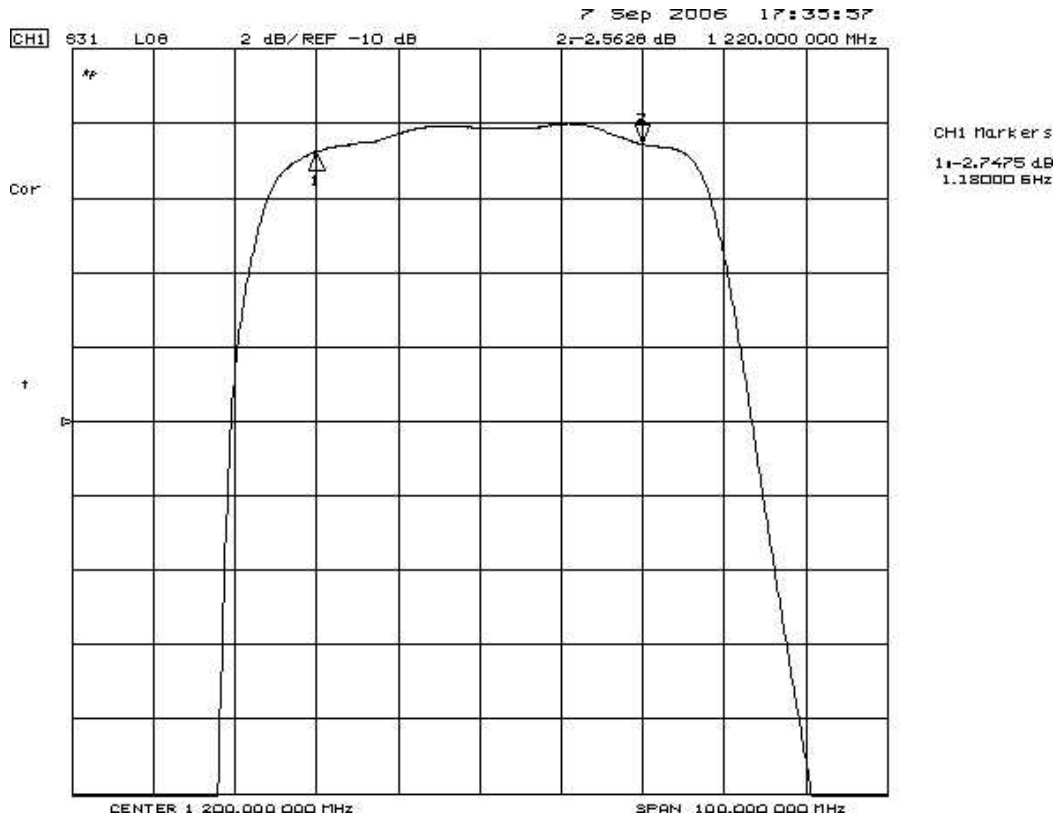


- △ : Year Code (2006->6, ..., 2009->9)
- : Date Code (W01->A, ..., W26->Z, W27->a, ..., W52->z)

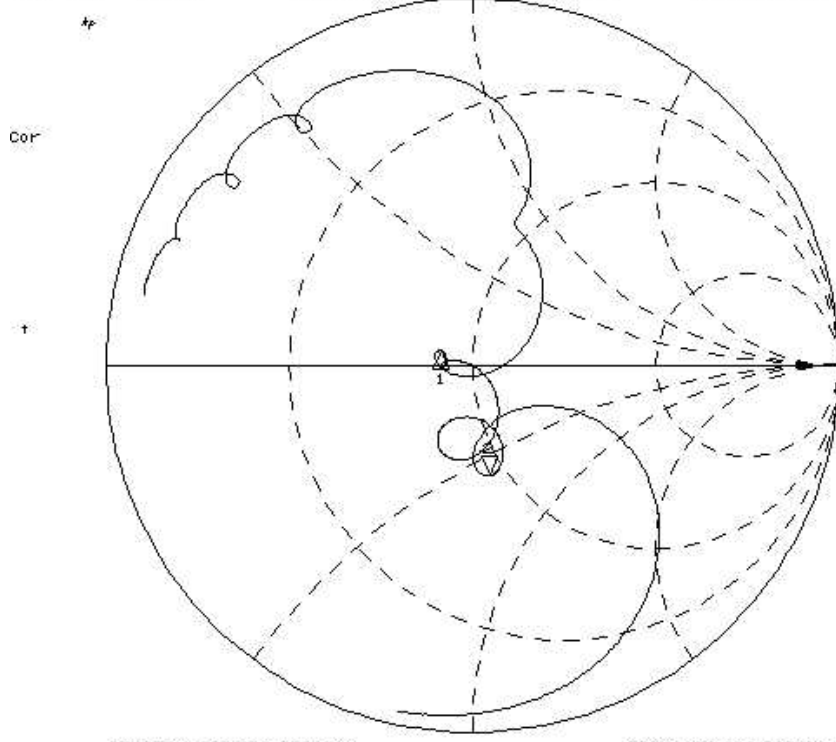
E. PCB Footprint:



F. Frequency Characteristics :

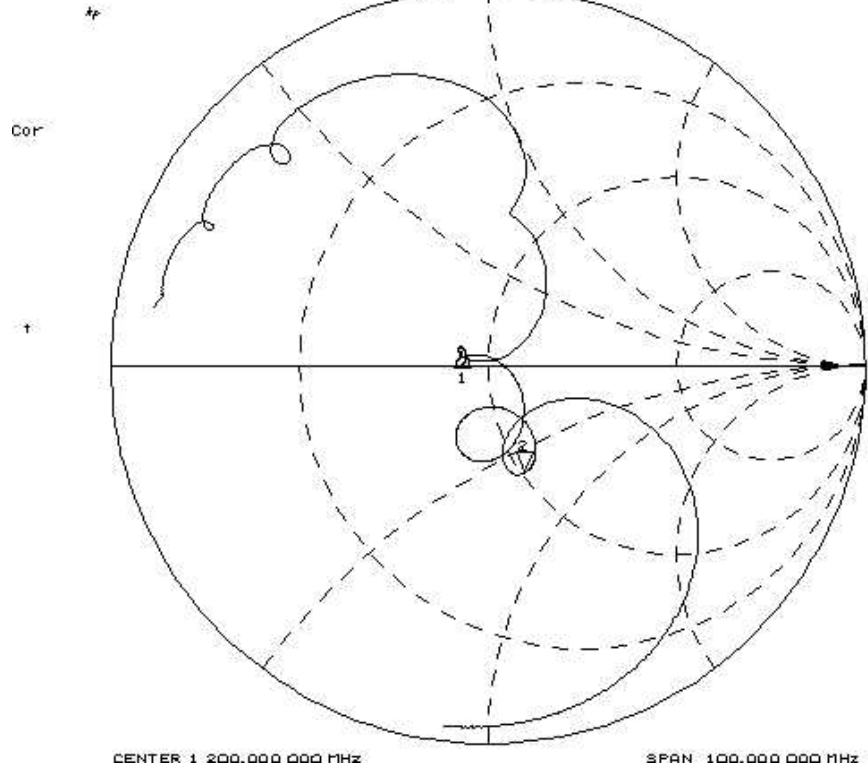


7 Sep 2006 17:36:06
 [CH1] S11 1 U FS 2:45.498 α -30.121 α 4.3310 pF 1 220.000 000 MHz



CH1 Markers
 1: 41.945 α
 3.3496 α
 1.18000 GHz

7 Sep 2006 17:36:12
 [CH1] S33 1 U FS 2:50.922 α -31.629 α 4.1245 pF 1 220.000 000 MHz

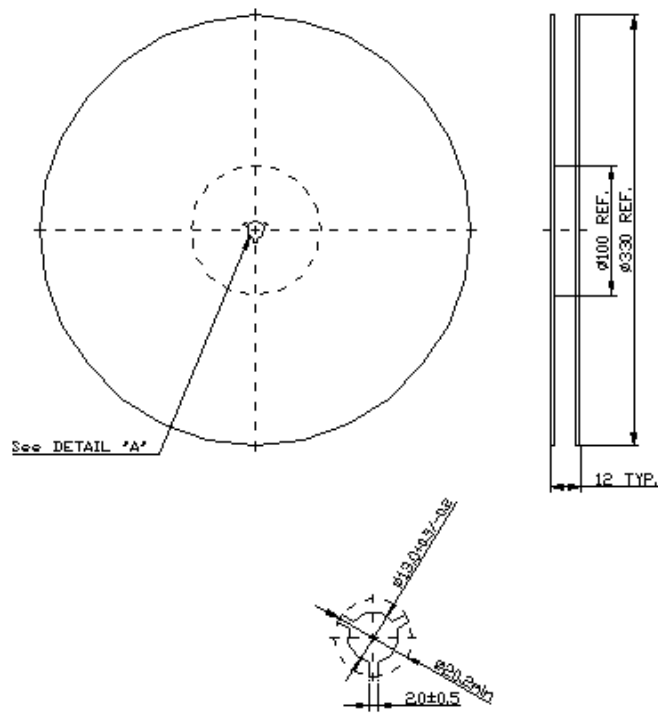


CH1 Markers
 1: 43.506 α
 4.0215 α
 1.18000 GHz

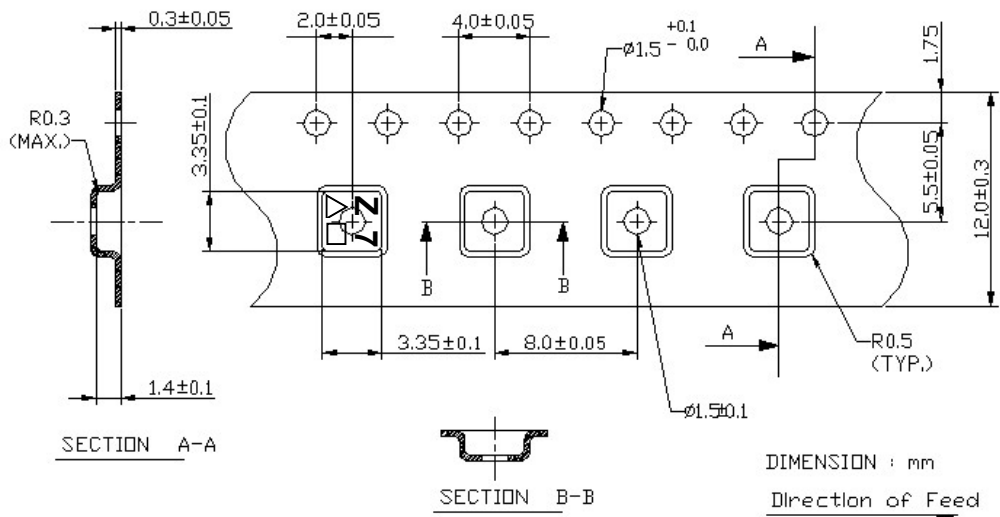
G. PACKING:

1. REEL DIMENSION

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



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

