



TAI-SAW TECHNOLOGY CO., LTD.

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Approval Sheet For Product Specification

Issued Date: May, 30, 2008

Product Name: SAW Filter 1268.52 MHz SMD 3.0X3.0 mm

TST Parts No.: TA0862A

Customer Parts No.: _____

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

Checked by: _____ Bob Chau

Approval by: _____ Francis Chen

Date: _____ 5, 30, 2008



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SAW Filter 1268.52 MHz

MODEL NO.:TA0862A

REV. NO.:1

A. MAXIMUM RATING:

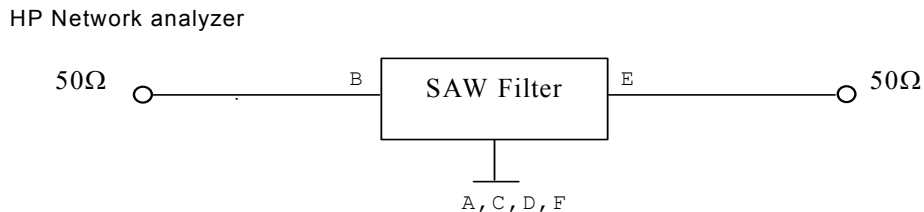
1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

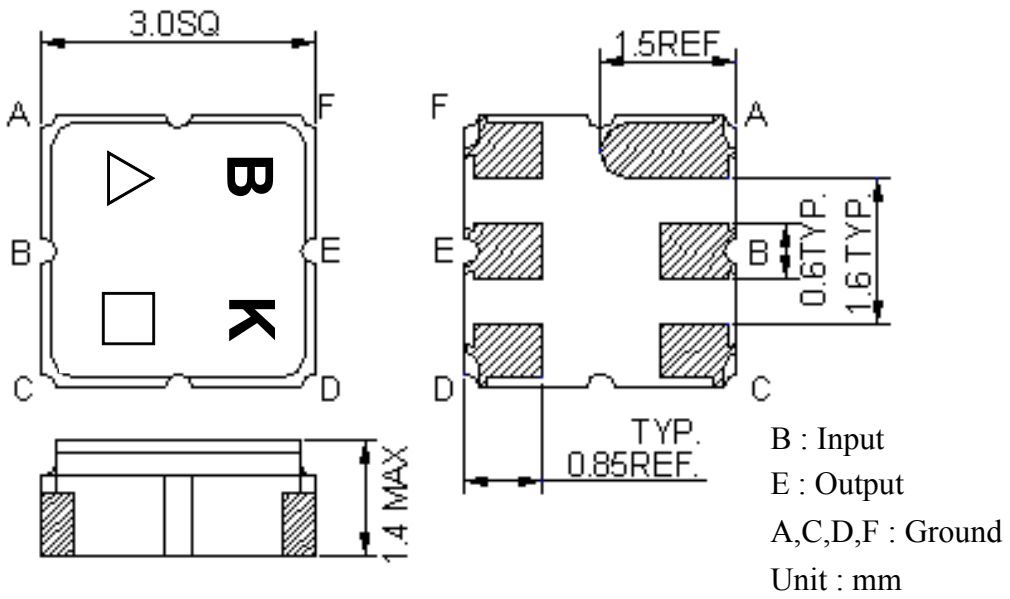
B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	1268.52	-	-
Insertion Loss (1258.29~1278.75 MHz) IL	dB	-	1.7	3.2	-
Amplitude Ripple (1258.29~1278.75 MHz)	dB	-	0.5	1.8	-
Bandwidth @ 2dB	MHz	20.46	38.3	-	-
VSWR (1258.29~1278.75 MHz)		-	1.3	2.1	-
Attenuation (Reference level from 0 dB)					
1227.52 MHz	dB	39	45.5	-	-
1309.52 MHz	dB	50	67	-	-

C. MEASUREMENT CIRCUIT:



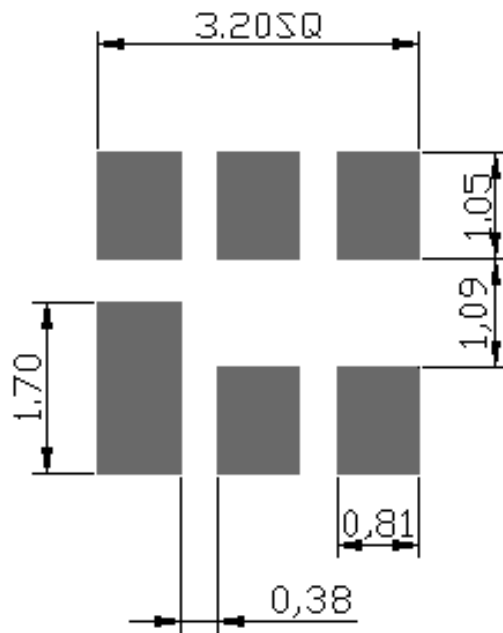
D.OUTLINE DRAWING:



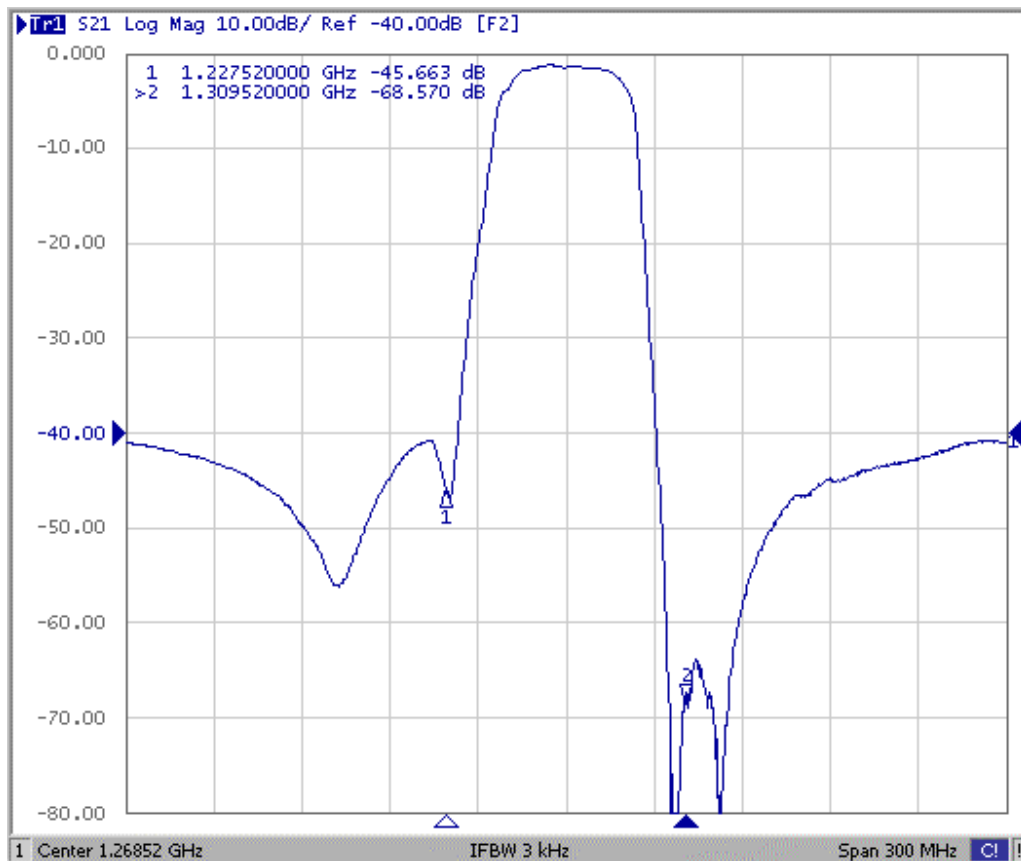
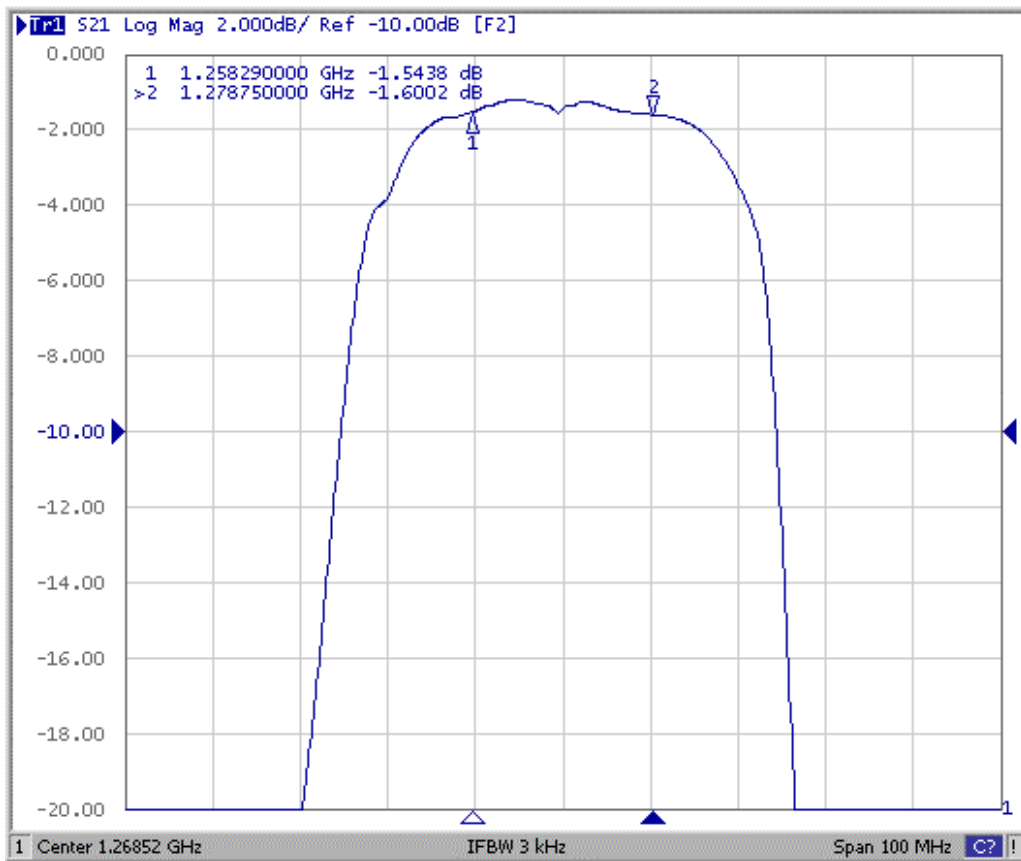
△ : Year Code (2006->6, ..., 2009->9)

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

E. PCB Footprint:

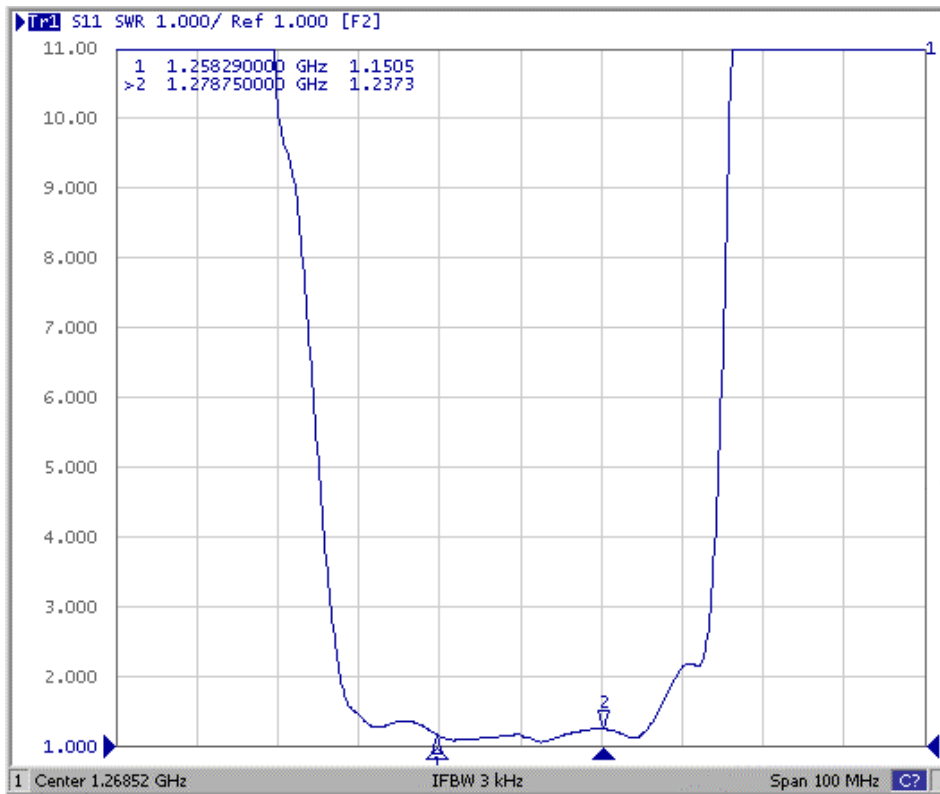


F. Frequency Characteristics :

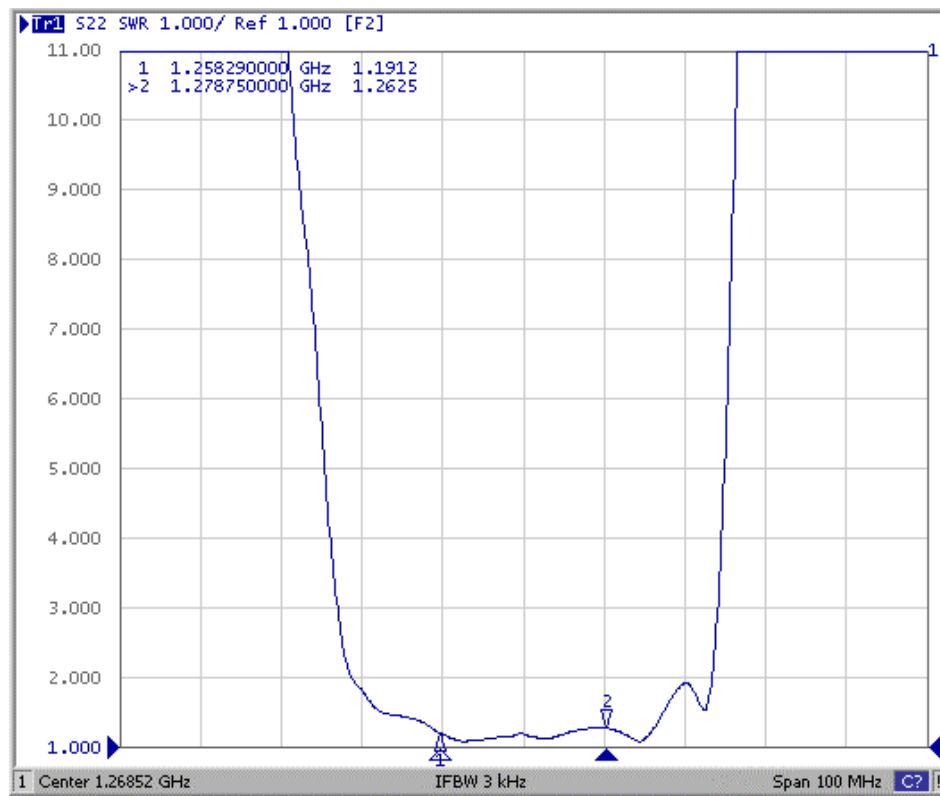


Reflection Functions :

S11



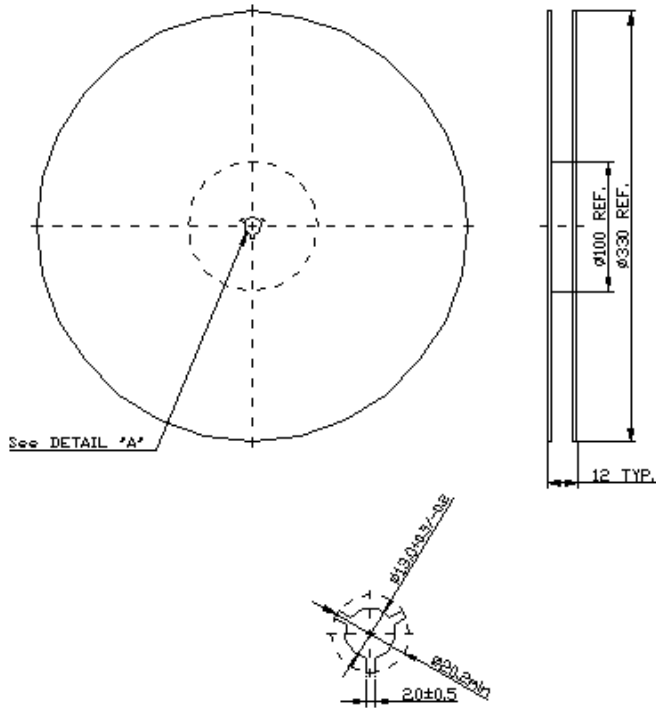
S22



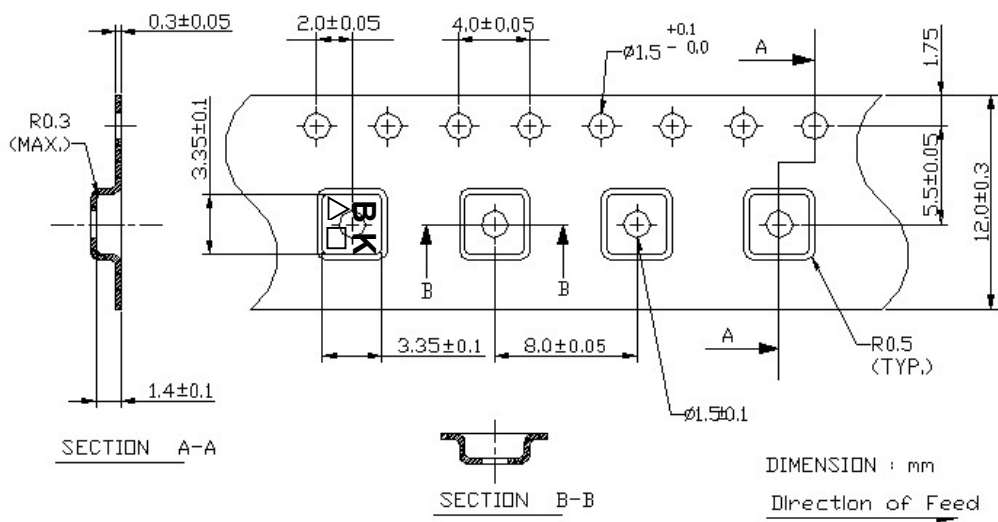
G. PACKING:

1. REEL DIMENSION

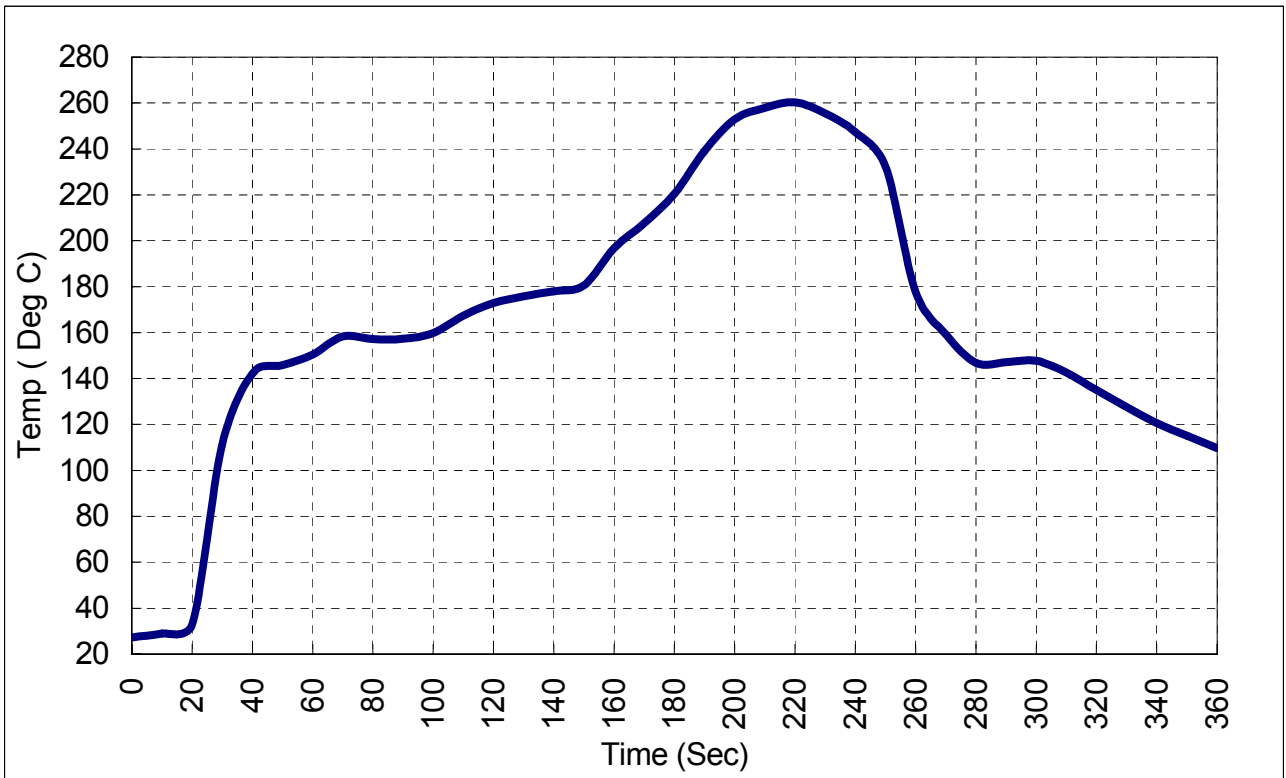
(Reel Count : 7"=1000 ; 13"=3000)



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :



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[LFB212G45SG8C341](#) [LFB322G45SN1A504](#) [LFL182G45TC3B746](#) [SF2159E](#) [30057](#) [AFS1575.42S4-T](#) [FM-104-PIN](#) [CER0813B](#)

[MAPDCC0005](#) [3A325](#) [40287](#) [ATB3225-75032NCT](#) [BD0810N50100AHF](#) [JHS-115-PIN](#) [DC0710J5005AHF](#) [DC2327J5005AHF](#) [43020](#)

[LFB2H2G60BB1C106](#) [LFL15869MTC1B787](#) [X3C19F1-20S](#) [XC3500P-20S](#) [10013-20](#) [SF2194E](#) [CDBLB455KCAX39-B0](#) [RF1353C](#)

[051157-0000](#) [PD0922J5050D2HF](#) [1E1305-3](#) [1F1304-3S](#) [1G1304-30](#) [B0922J7575AHF](#) [10017-3](#) [TP-103-PIN](#) [BD1222J50200AHF](#)

[BD1722J50100AHF](#) [2450DP39K5400E](#) [BD0810J50150AHF](#) [BD1722J50200AHF](#) [DSS-113-PIN](#) [DS-327-PIN](#) [MACP-008125-CK07F0](#) [DS-329-PIN](#)