



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:

Product Name: SAW Filter 1090MHz SMD 3.8×3.8 mm

TST Parts No.:TA0232A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____ Anne chen

Approval by:_____ Francis Chen

Date:_____ 2007/11/15



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SAW Filter 1090 MHz

MODEL NO.: TA0232A

REV. NO.:4

A. MAXIMUM RATING:

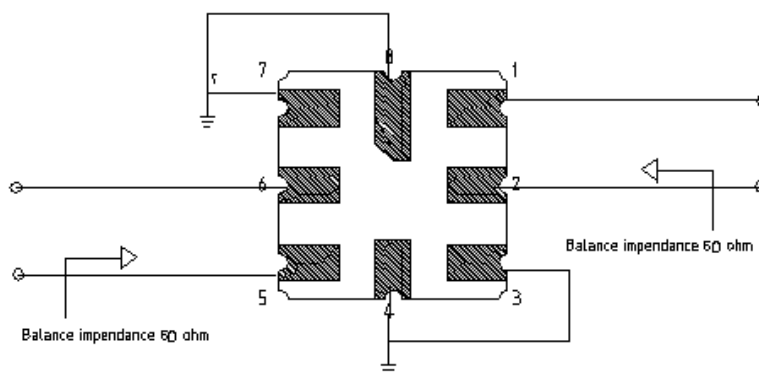
1. Input Power Level: 0 dB_m
2. DC voltage: 0 V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

B. CHARACTERISTICS:

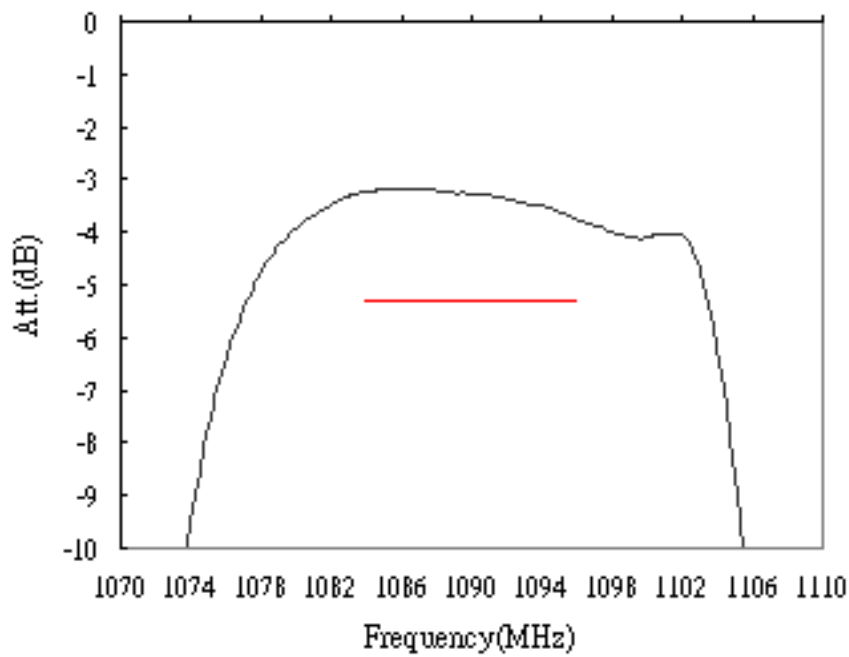
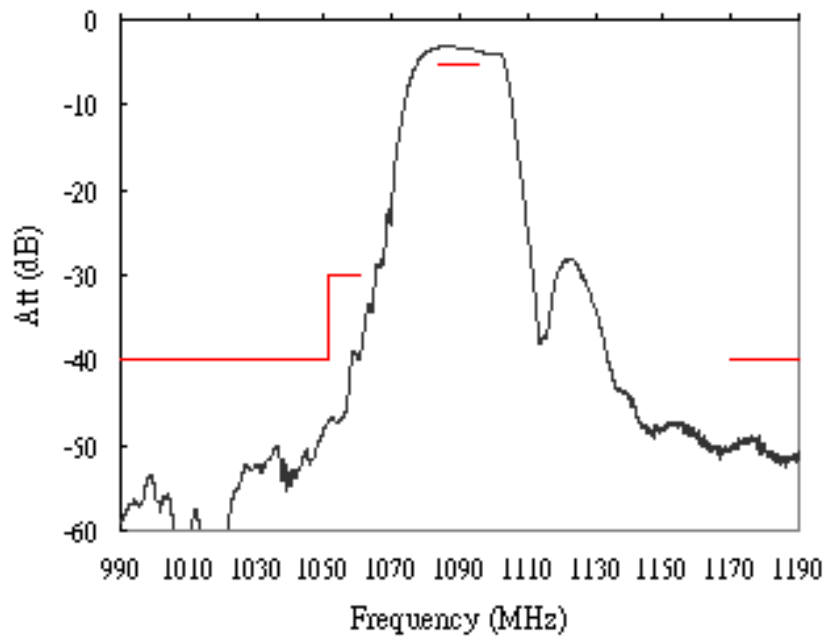
Item			Min.	Typ.	Max.
Center frequency	Fc	MHz	-	1090	-
Insertion loss	1084 ~ 1096 MHz	IL (dB)	-	3.9	5.3
Amplitude ripple	1084 ~ 1096 MHz	(dB)	-	0.6	1.5
Attenuation (Reference level from 0 dB)					
500 ~ 924	MHz	(dB)	45	48	-
924 ~ 944	MHz	(dB)	45	50	-
944 ~ 1051	MHz	(dB)	40	47	-
1051 ~ 1061	MHz	(dB)	30	36	-
1170 ~ 2000	MHz	(dB)	40	43	-
Balanced to balanced operation					
Source impedance	Zs	(Ω)	-	50	-
Load impedance	ZL	(Ω)	-	50	-

C. MEASUREMENT CIRCUIT:

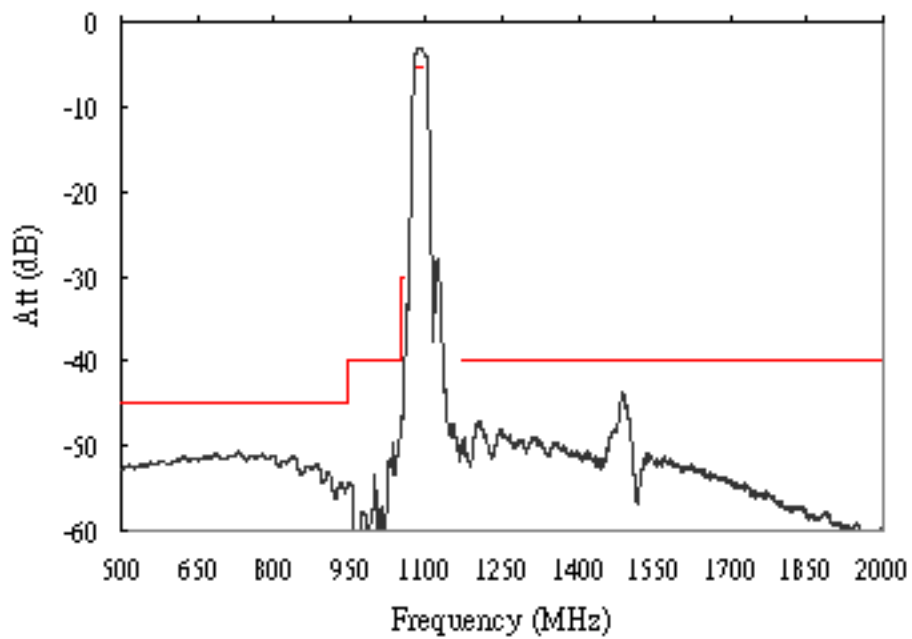


D. Transfer Function :

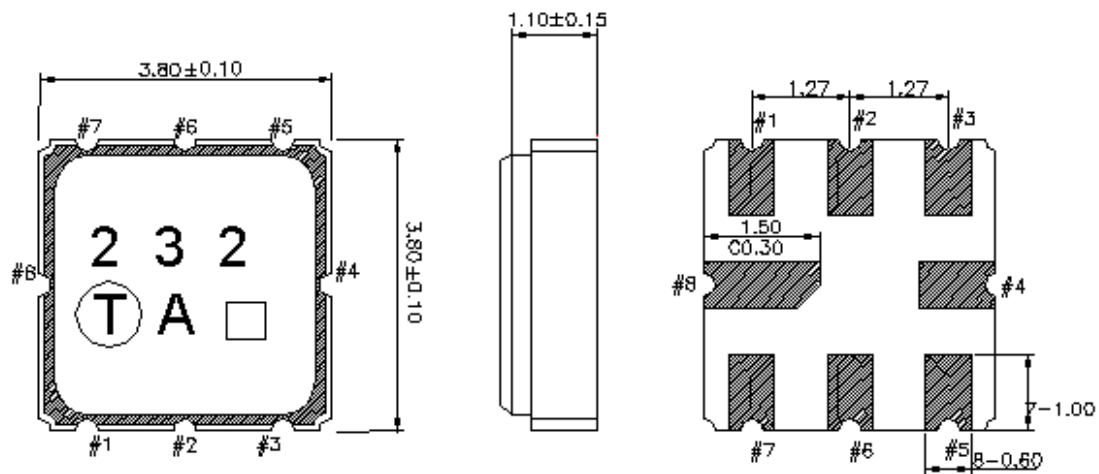
Narrowband



Wideband



E.OUTLINE DRAWING:

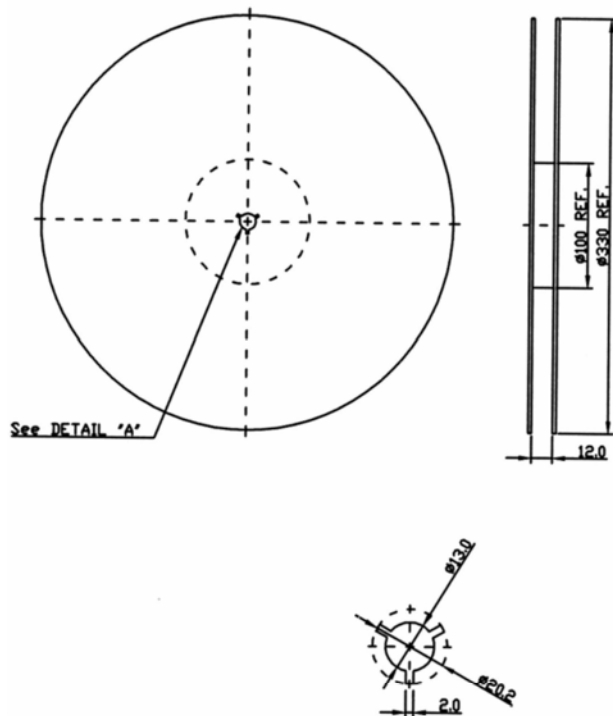


#1,2 : Balance Input
 #5,6 : Balance Output
 #3,4,7,8: Ground
 □ : Date Code
 Unit : mm

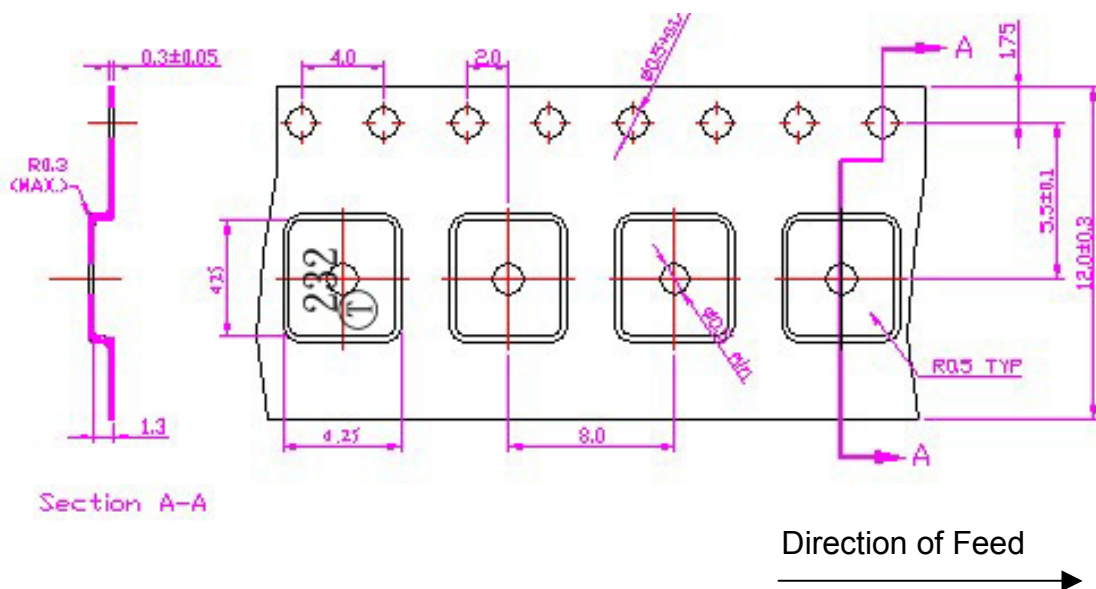


F. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



I. RECOMMENDED REFLOW PROFILE :

