



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
Taoyuan, 324, Taiwan, R.O.C.

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Product Specification Approval Sheet

Product Description: SAW Filter 1090MHz SMD 3.8x3.8 mm

TST Part No.:TA0232A

Customer Part No.:_____

Customer signature required

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____ Anne chen 

Approval by:_____ Andy Yu 

Date:_____ 2018/01/02

1. Customer signed back is required before TST can proceed with sample build and receive orders.
2. Orders received without customer signed back will be regarded as agreement on the specifications.
3. Any specifications changes must be approved upon by both parties and a new revision of specifications shall be released to reflect the changes



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SAW Filter 1090 MHz

MODEL NO.: TA0232A

REV. NO.:5

A. MAXIMUM RATING:

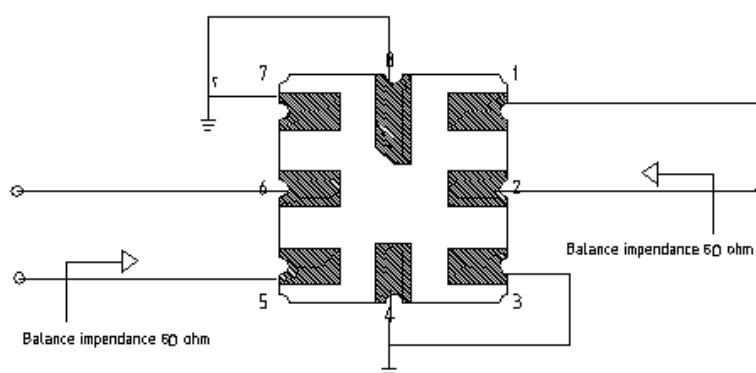
1. Input Power Level: 10 dB_m
2. DC voltage: 0 V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

B. CHARACTERISTICS:

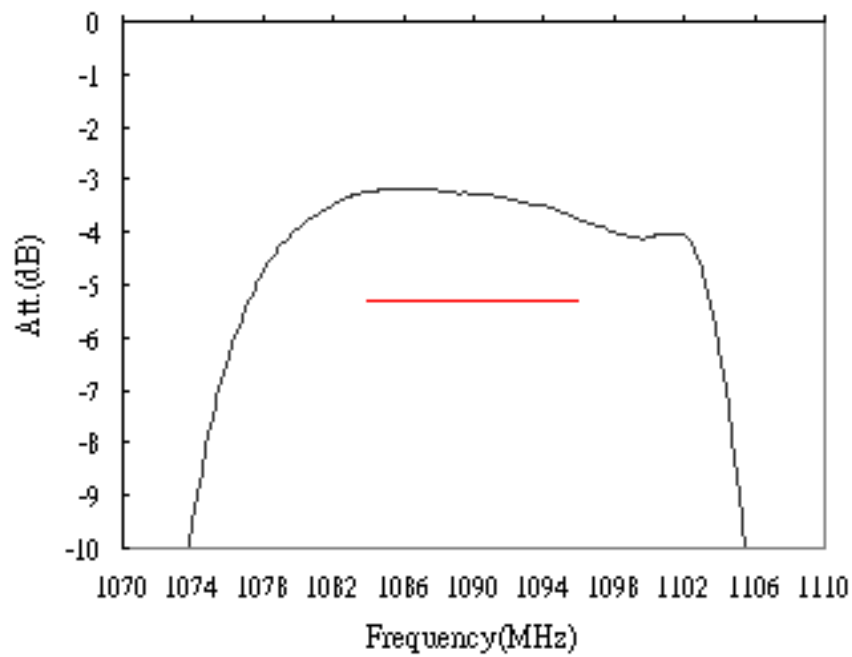
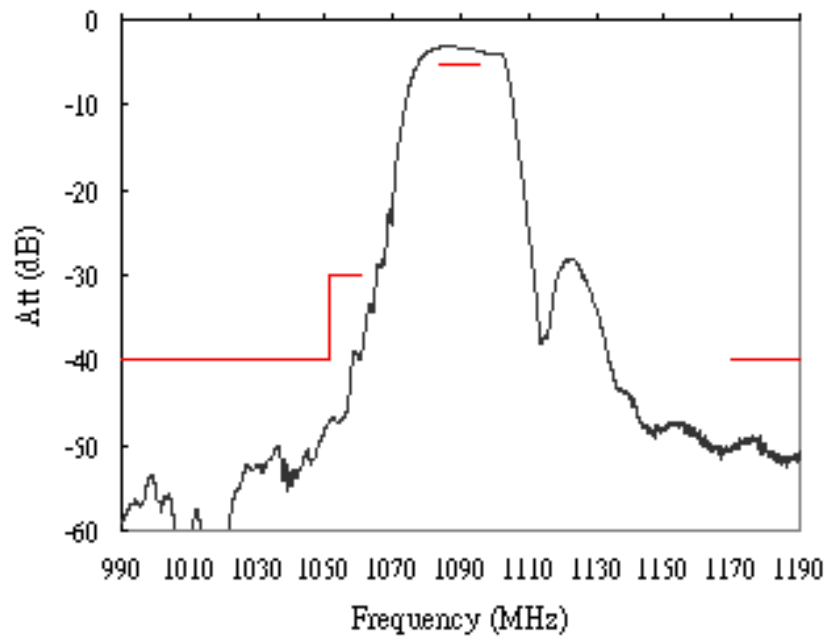
Item			Min.	Typ.	Max.
Center frequency	Fc	MHz	-	1090	-
Insertion loss	1084 ~ 1096 MHz	IL (dB)	-	3.9	5.3
Amplitude ripple	1084 ~ 1096 MHz	(dB)	-	0.6	1.5
Attenuation (Reference level from 0 dB)					
500 ~ 924	MHz	(dB)	45	48	-
924 ~ 944	MHz	(dB)	45	50	-
944 ~ 1051	MHz	(dB)	40	47	-
1051 ~ 1061	MHz	(dB)	30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

C. MEASUREMENT CIRCUIT:

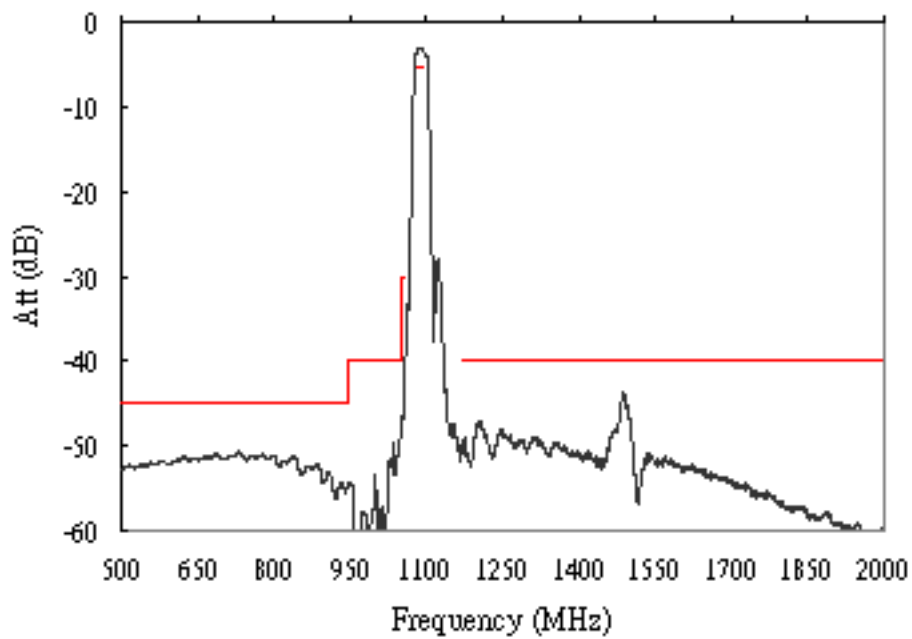


D. Transfer Function :

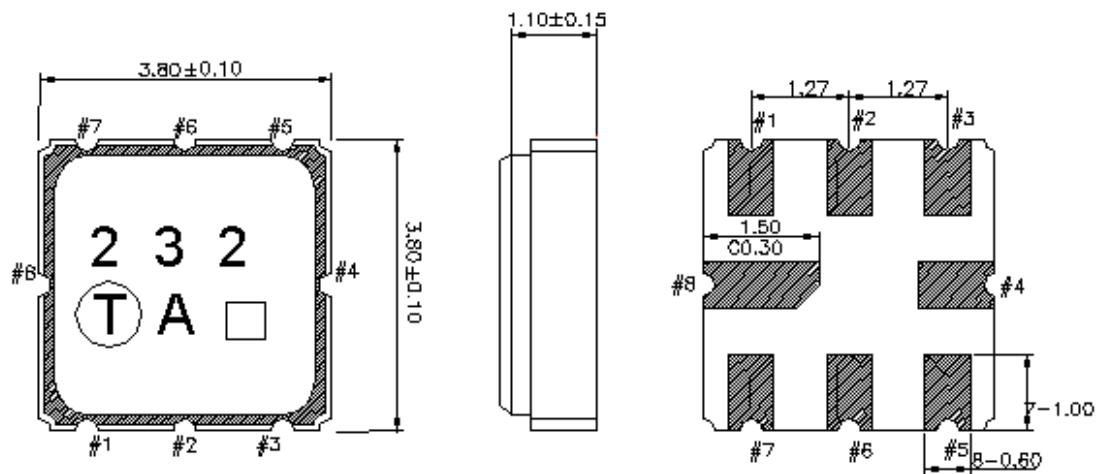
Narrowband



Wideband



E.OUTLINE DRAWING:

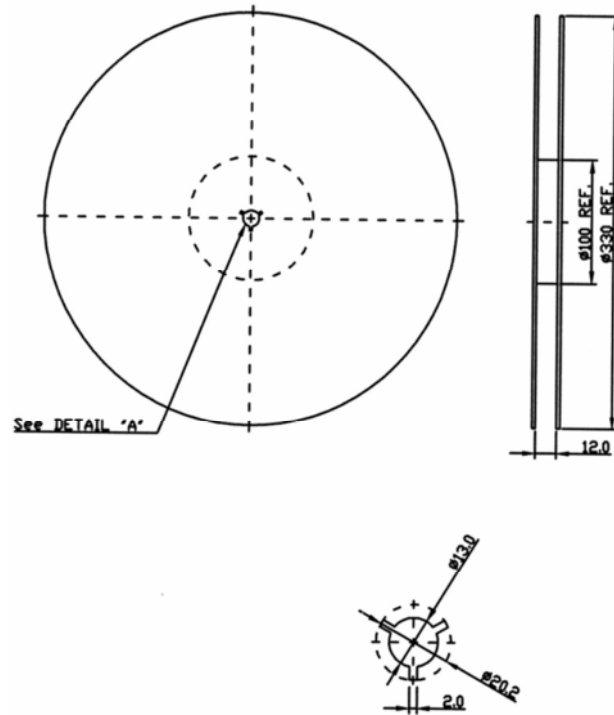


#1,2 : Balance Input
#5,6 : Balance Output
#3,4,7,8: Ground
□ : Date Code
Unit : mm

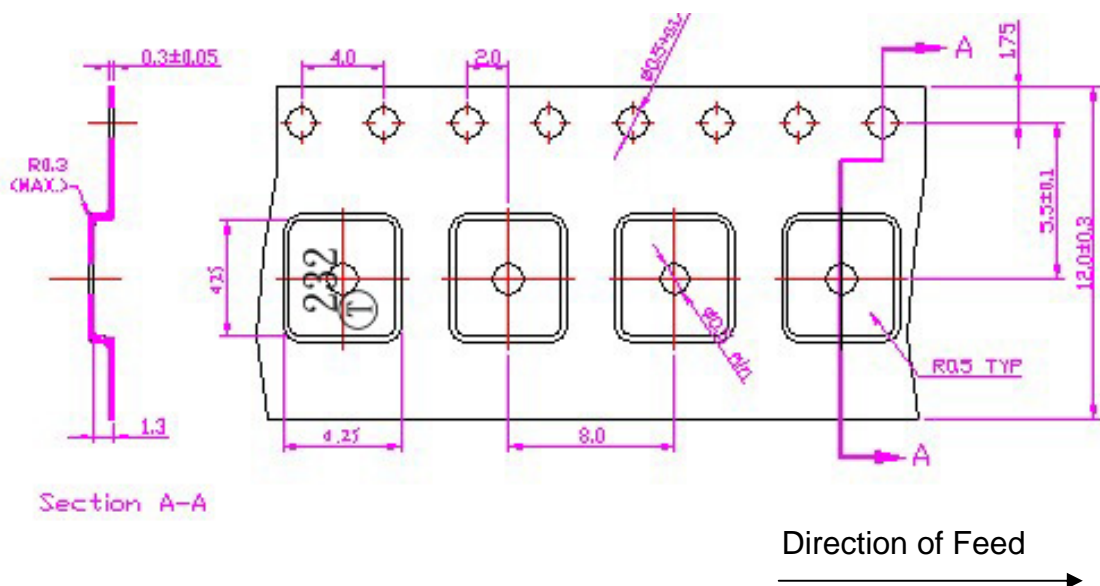


F. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



I. RECOMMENDED REFLOW PROFILE :

