



TAI-SAW TECHNOLOGY CO., LTD.

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

TEL: 886-3-4690038 FAX: 886-3-4697532

E-mail: tstsales@mail.taisaw.com Web: www.taisaw.com

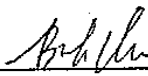
Product Specifications Approval Sheet

Product Description: SAW Filter 618 MHz SMD 3.8X3.8 mm

TST Part No.: TA1202A

Customer Part No.: _____

Customer signature required
Company: _____
Division: _____
Approved by : _____
Date: _____

Checked by: _____ Bob Chau 

Approved by: _____ Francis Chen 

Date: _____ 4, 28, 2010

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.



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,

Taoyuan, 324, Taiwan, R.O.C.

TEL: 886-3-4690038 FAX: 886-3-4697532

E-mail: tstsales@mail.taisaw.com

Web: www.taisaw.com

SAW Filter 618 MHz

MODEL NO.:TA1202A

REV. NO.:1

A. MAXIMUM RATING:

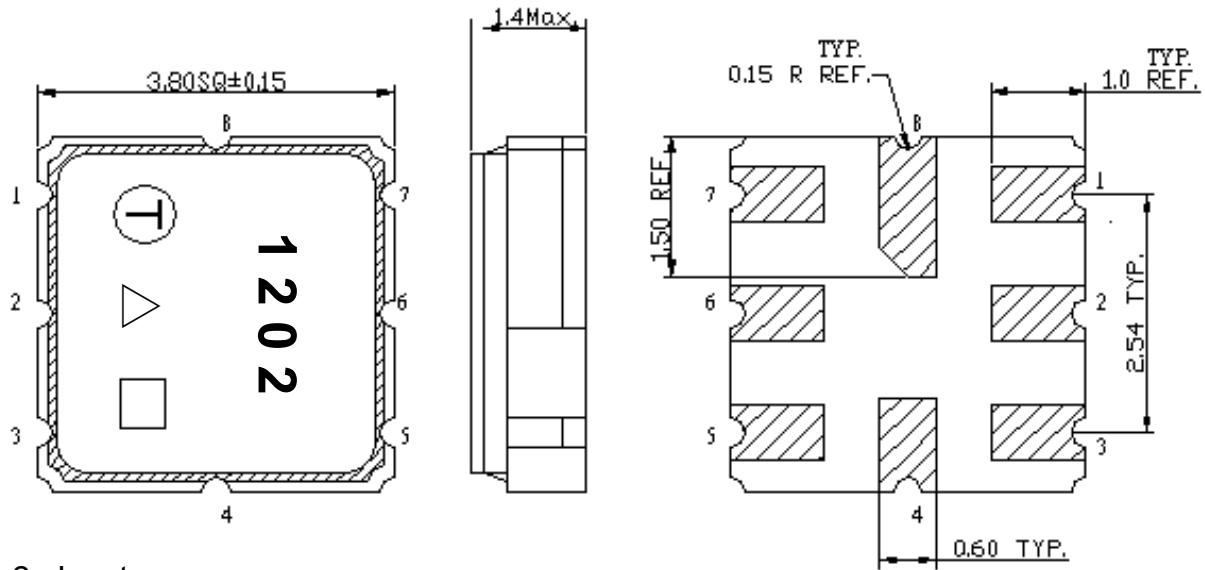
1. Input Power Level: +10 dBm
2. DC Voltage : 5V
3. Operating Temperature: -30°C to +75°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	618	-	-
Insertion Loss (606~630 MHz) IL	dB	-	2.2	3.3	-
Amplitude Ripple (606~630 MHz)	dB	-	0.7	1.8	-
Bandwidth @ -3 dB	MHz	24	32.5	-	-
Group Delay Variation (606~630 MHz)	ns	-	40	200	-
Attenuation (Reference level from 0 dB)					
DC ~ 550 MHz	dB	40	57	-	-
550 ~ 590 MHz	dB	10	49	-	-
655 ~ 720 MHz	dB	10	39	-	-
720 ~ 850 MHz	dB	40	50	-	-
850 ~ 1126 MHz	dB	45	48	-	-

C.OUTLINE DRAWING:



2 : Input

6: Output

1,3,4,5,7,8: Ground

△ : Year Code

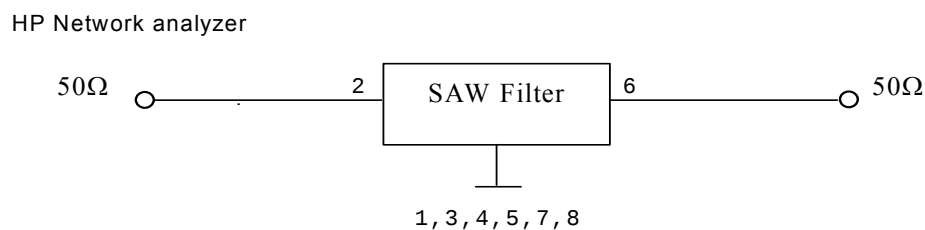
□ : Date Code (W01->A, W02->B,...W52->z)

Unit: mm

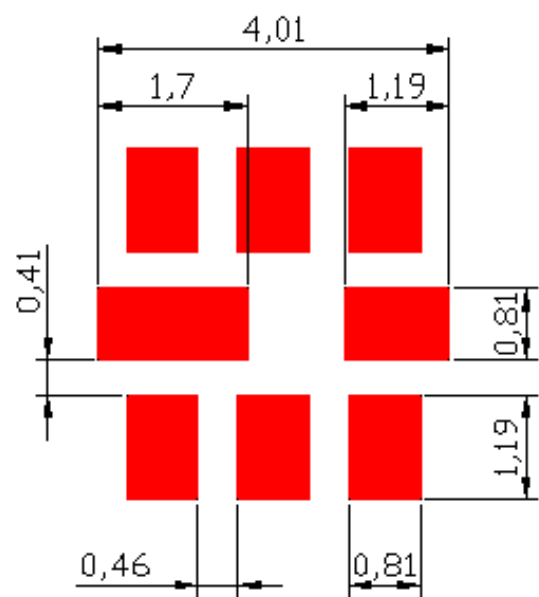
Product Year Code

Year	2009 2013	2010 2014	2011 2015	2012 2016
Product Code	A	a	A	a

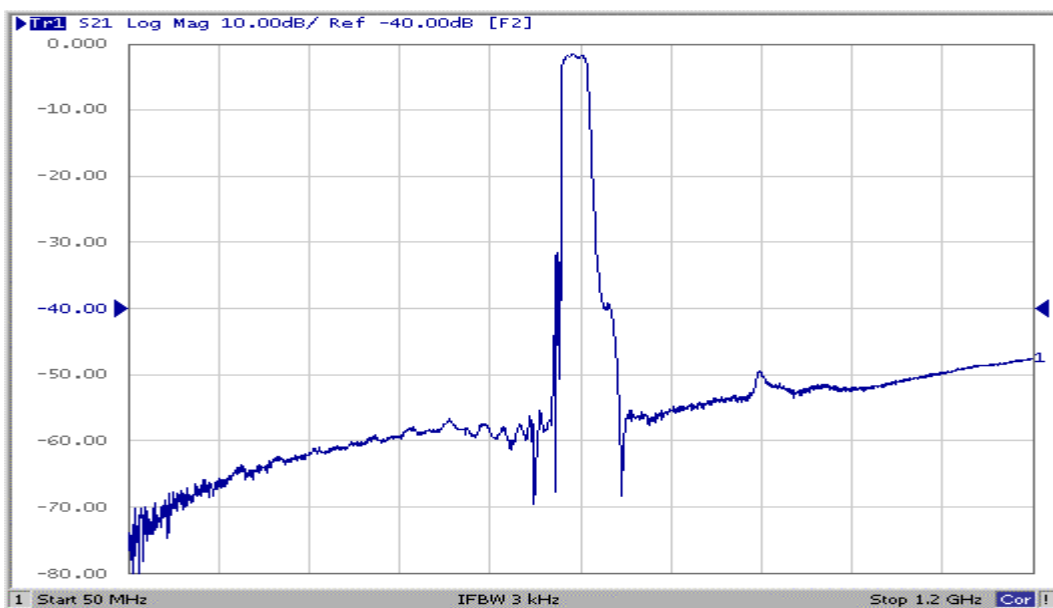
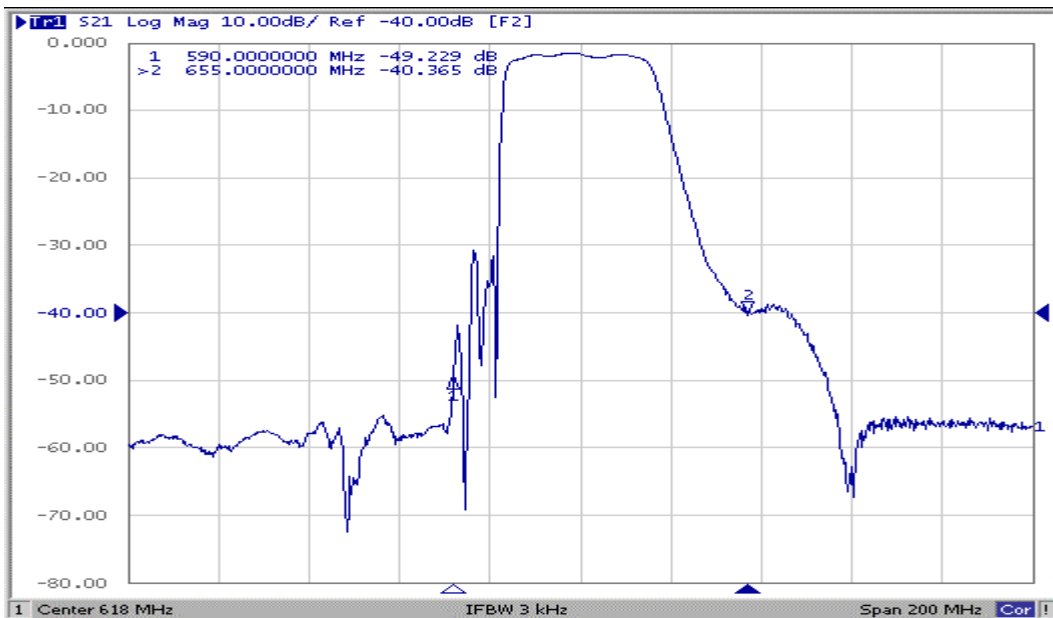
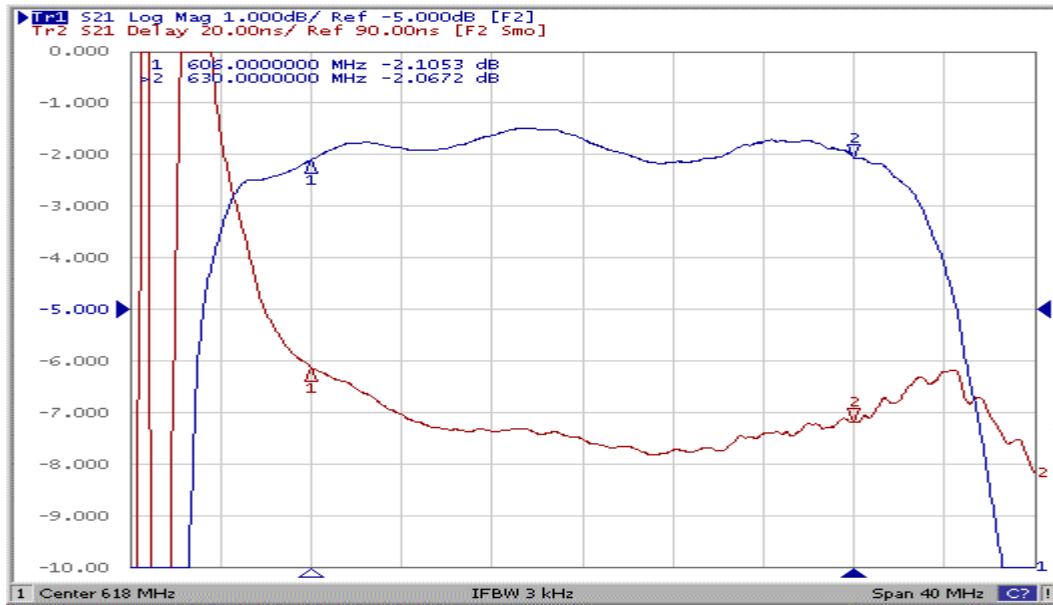
D. MEASUREMENT CIRCUIT:



E. PCB Footprint:



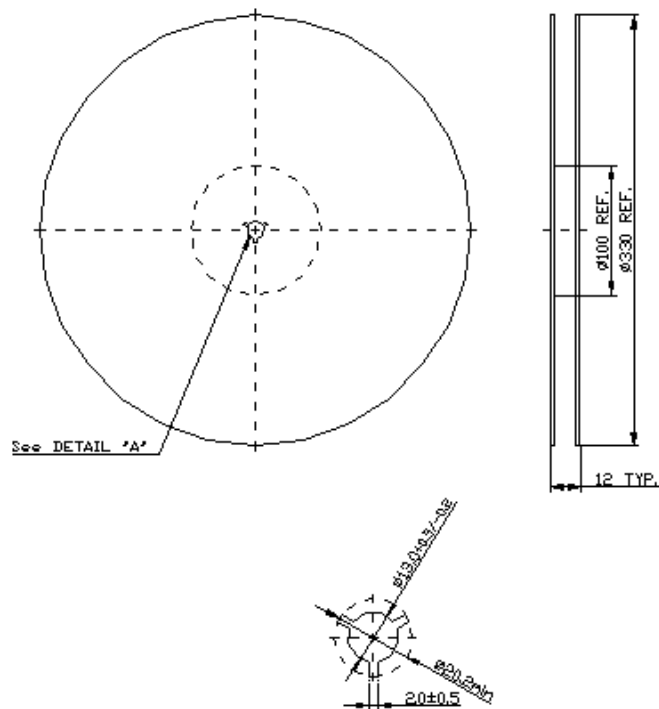
F. Frequency Characteristics :



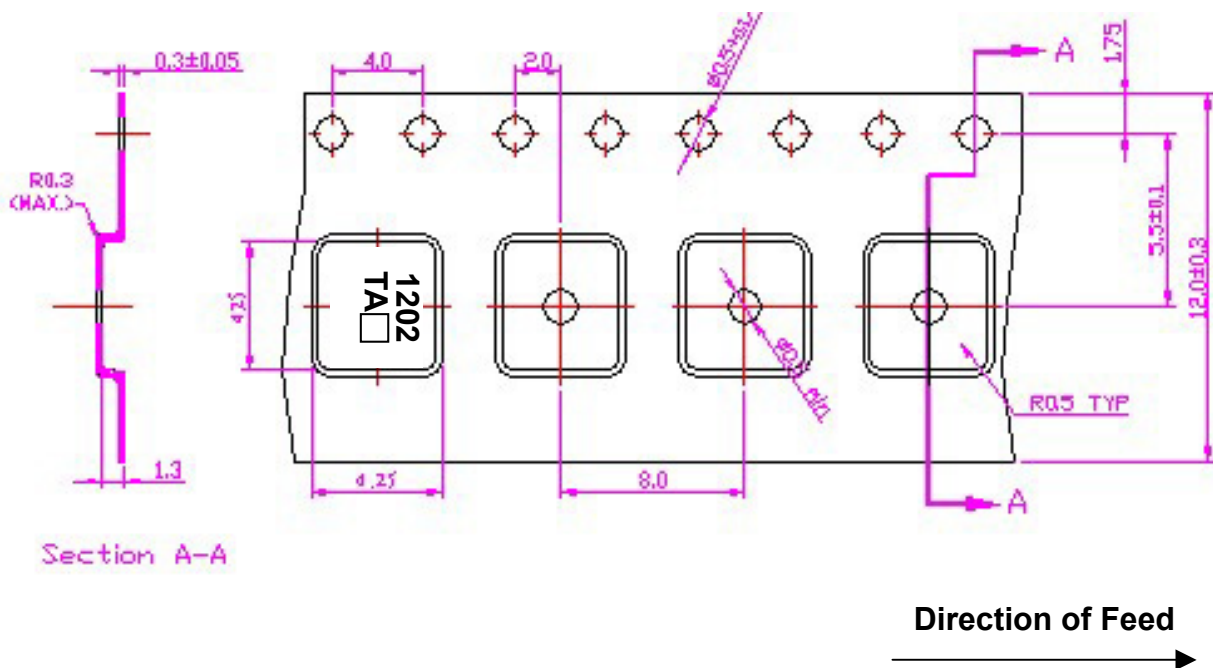
G. PACKING:

1. REEL DIMENSION

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



2.TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

