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 622.08MHz SMD 3.0X3.0 mm(BW=1MHz)

TST Part No.: TA0945A

Customer Part No.:_____

Customer signature required

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by: Paul Ni Paul Ni

Approved by: Francis Chen

Date: 2011/07/15

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 622.08 MHz

MODEL NO.: TA0945A

REV. NO：2.0

A. MAXIMUM RATING:

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

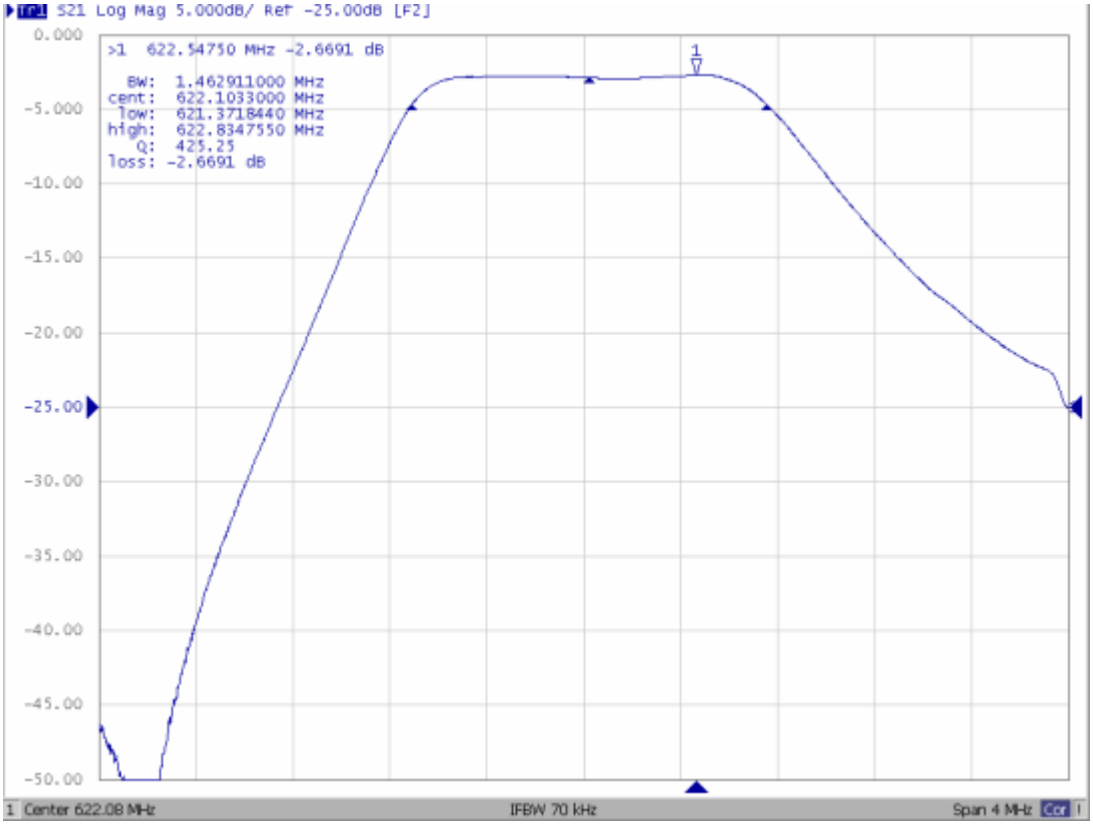
RoHS Compliant
Lead free
Lead-free soldering

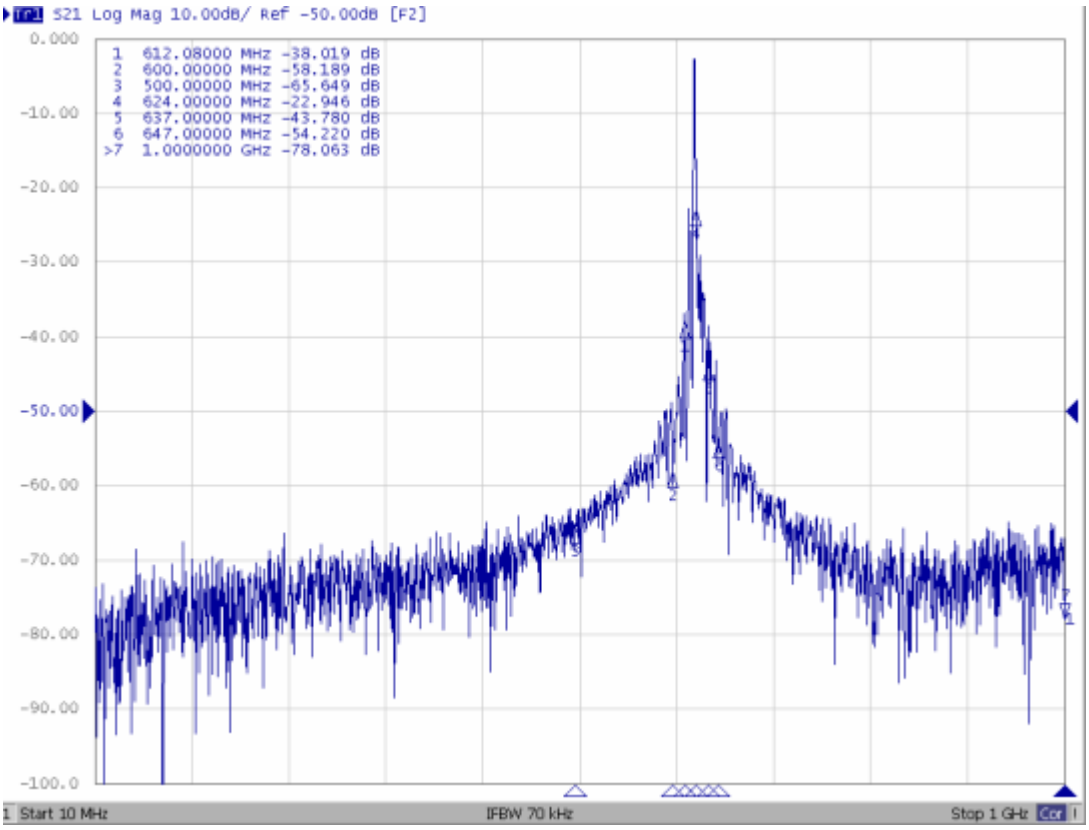
Electrostatic **S**ensitive **D**evice

B. ELECTRICAL CHARACTERISTICS:

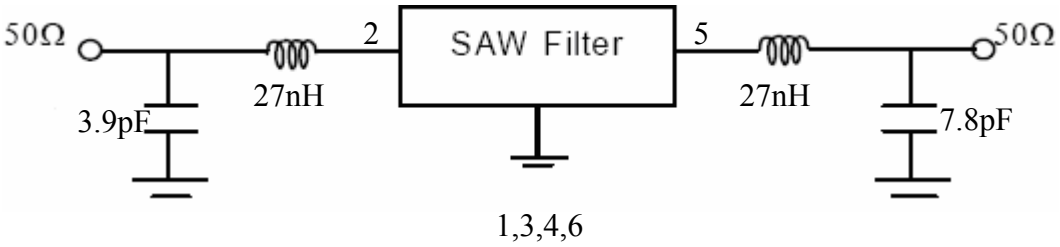
Item		Unit	Min.	Typ.	Max.
Center frequency	**Fc**	**MHz**	-	622.08	-
Minimum I.L.	**IL(min)**	**dB**	-	2.7	4.5
Pass band (relative to ILmin)					
621.730 ~ 622.430 MHz		**dB**	-	0.5	1.5
621.580 ~ 622.580 MHz		**dB**	-	1.0	2.0
Pass bandwidth(relative to ILmin)	**BW_2**	**KHz**	1000	1450	
Attenuation (relative to ILmin)					
500.000 ~ 600.000 MHz		**dB**	40	46	-
600.000 ~612.080 MHz		**dB**	27	32	-
624.000 ~ 637.000 MHz		**dB**	10	20	-
637.000 ~ 647.000 MHz		**dB**	33	37	-
647.000 ~ 1000.00 MHz		**dB**	40	46	-
Impedance at Fc ; Input	$Z_{IN}=R_{IN}//C_{IN}$	**Ω**	241Ω//2.73pF		
Output	$Z_{OUT}=R_{OUT}//C_{OUT}$	**Ω**	467Ω//3.0pF		

C. Frequency Characteristics :

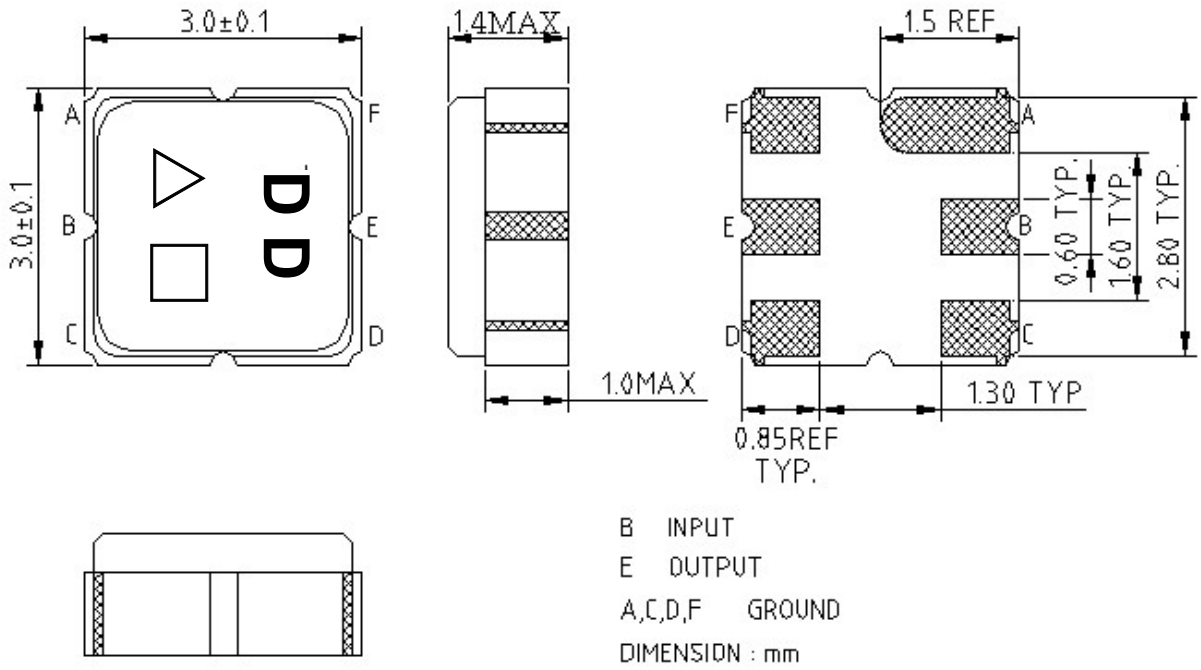




D.Measurement Circuit：



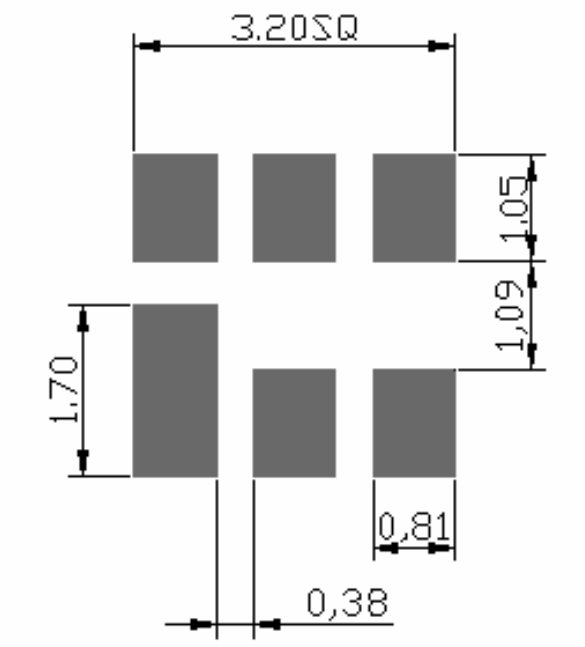
E. OUTLINE DRAWING:



△ : Year Code(2010➔0,2011➔1…2019➔9)

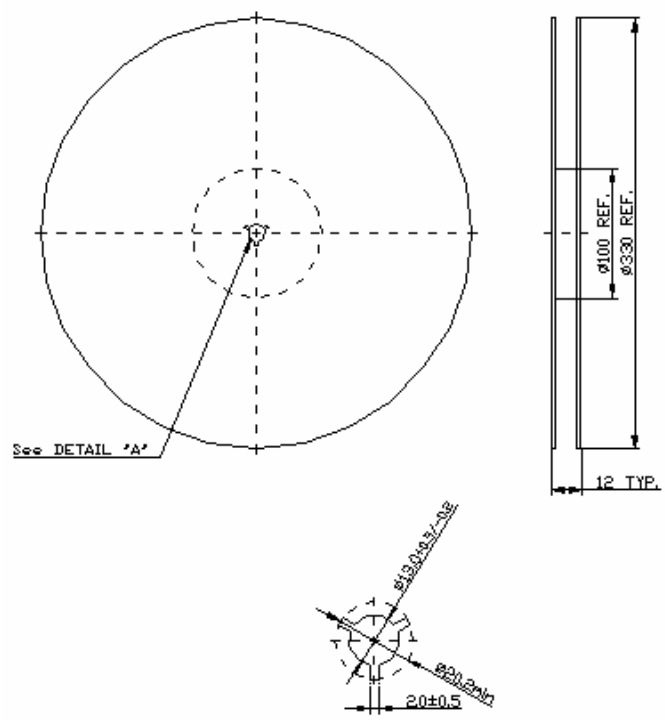
□ : Date Code(Follow the table from planner each year)

F. PCB Footprint:

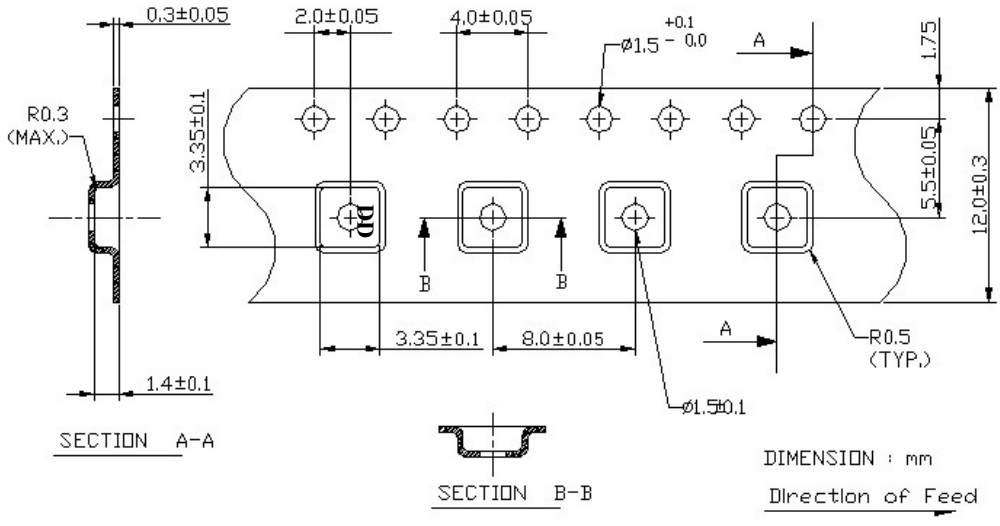


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :