



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

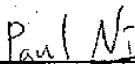
Product Specifications Approval Sheet

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 

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

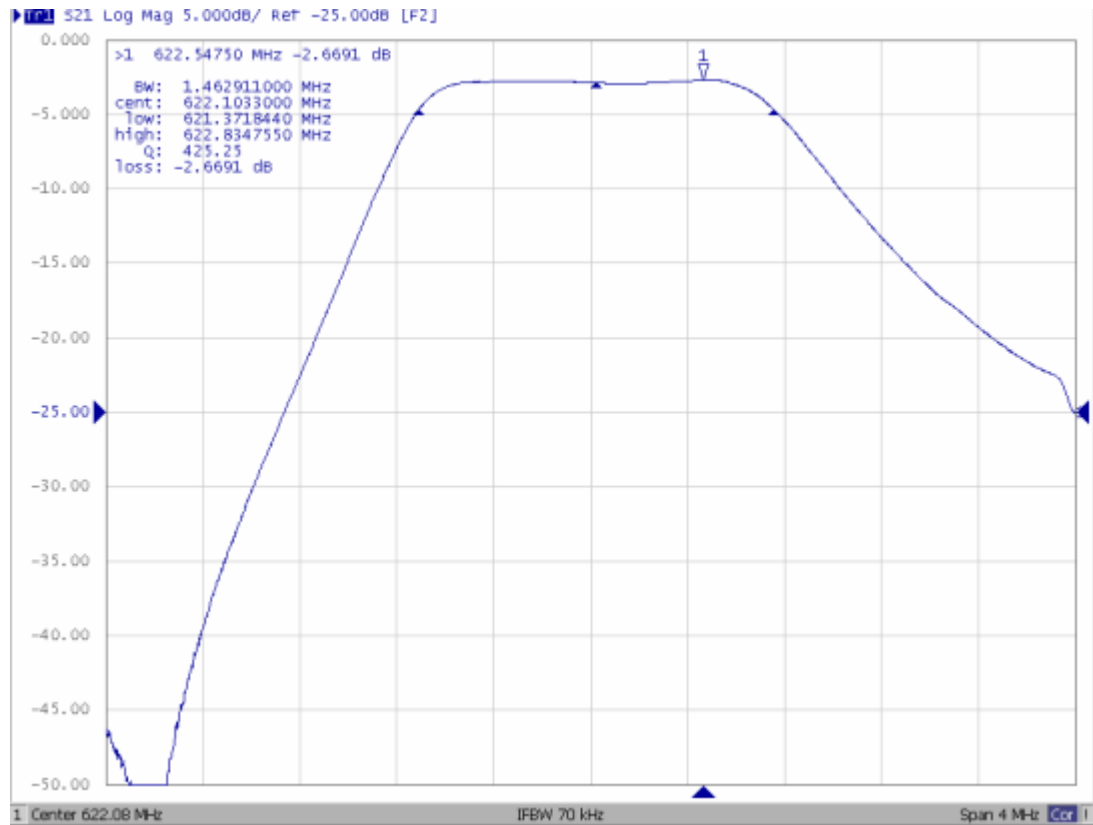
RoHS Compliant
Lead free
Lead-free soldering

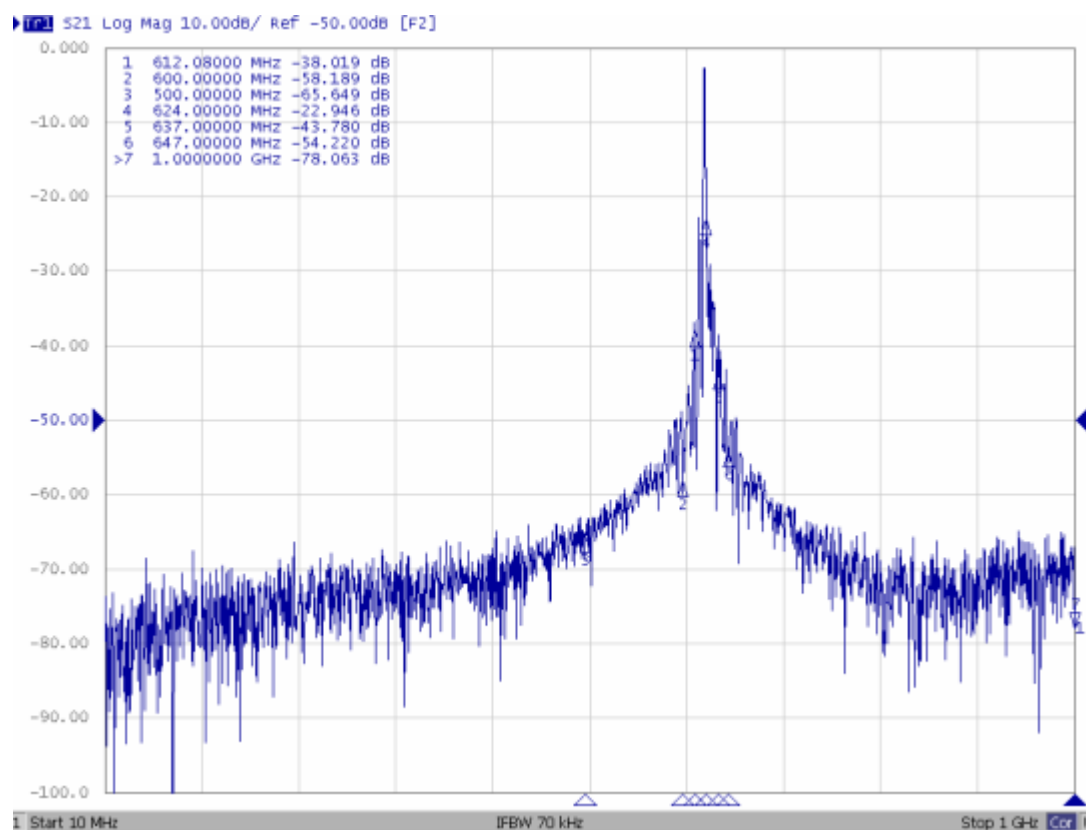
Electrostatic Sensitive Device

B. ELECTRICAL CHARACTERISTICS:

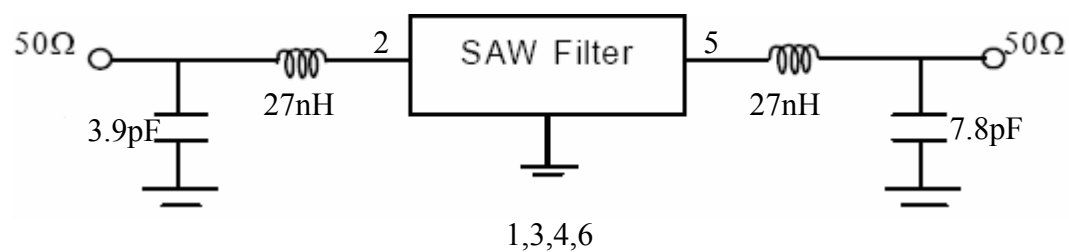
Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	622.08	-
Minimum I.L. IL(min)	dB	-	2.7	4.5
Pass band (relative to ILmin)				
621.730 ~ 622.430 MHz	dB	-	0.5	1.5
621.580 ~ 622.580 MHz	dB	-	1.0	2.0
Pass bandwidth(relative to ILmin) BW ₂	KHz	1000	1450	
Attenuation (relative to ILmin)				
500.000 ~ 600.000 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	241 Ω // 2.73pF		
Output Z _{OUT} =R _{OUT} //C _{OUT}	Ω	467 Ω // 3.0pF		

C. Frequency Characteristics :

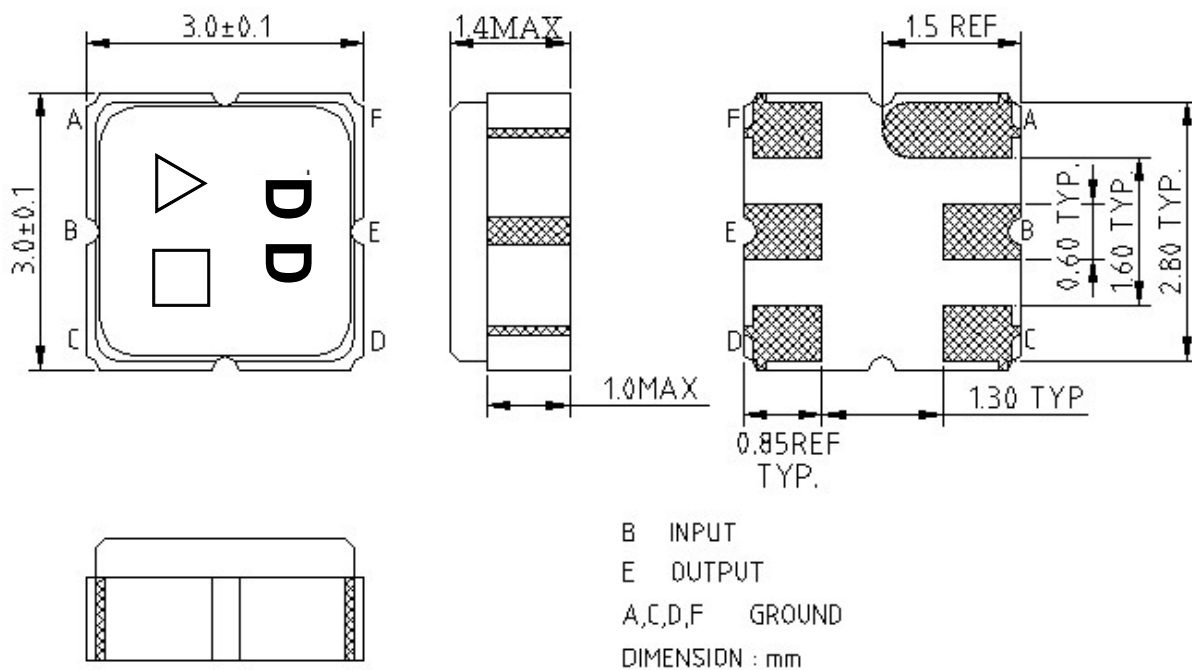




D.Measurement Circuit :



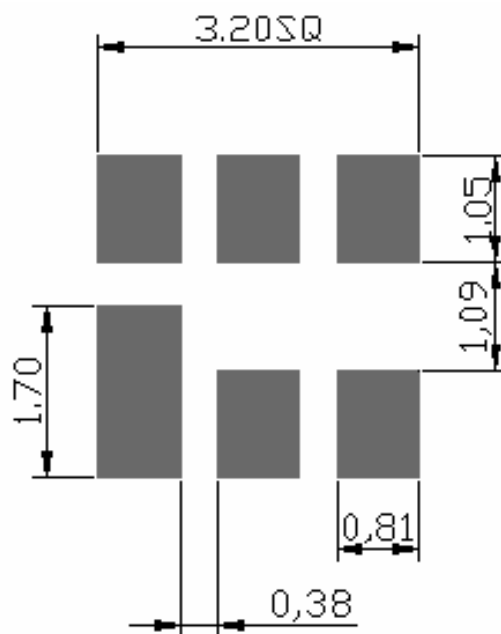
E. OUTLINE DRAWING:



△ : Year Code(2010→0,2011→1...2019→9)

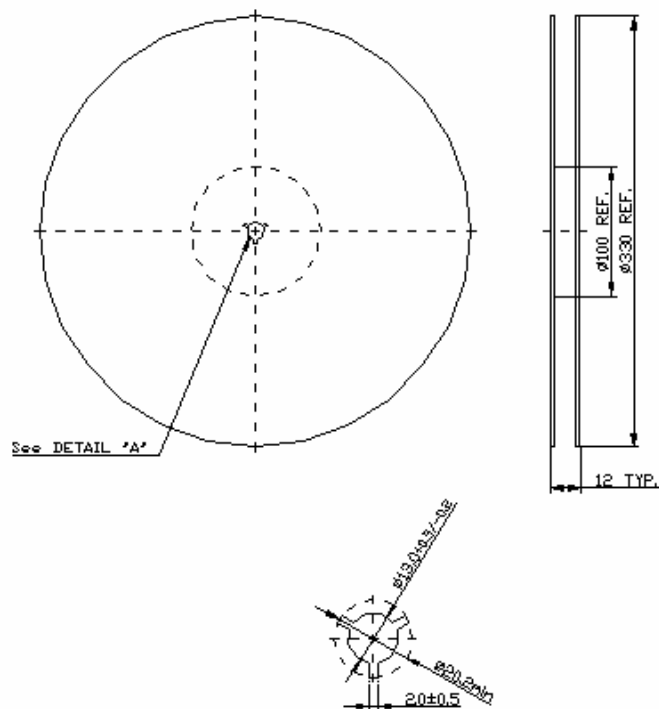
□ : Date Code(Follow the table from planner each year)

F. PCB Footprint:

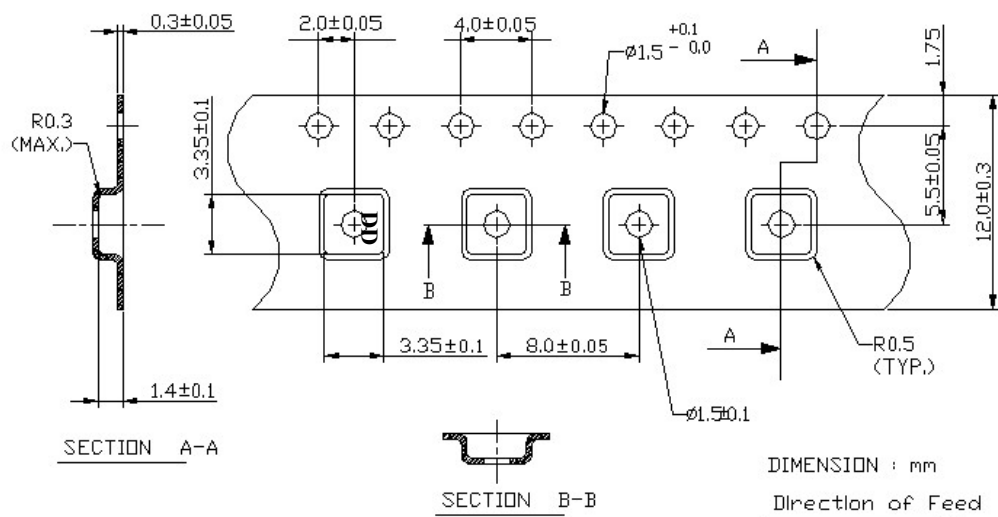


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

