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

Approval Sheet For Product Specification

Issued Date:

Product Name: SAW Resonator 622.41 MHz SMD 3X3 mm

TST Parts No.: TC0506A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by: Paul Ni

Approval by: Francis Chen 

Date: 2008/12/17

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SAW Resonator 622.41 MHz

MODEL NO.: TC0506A REV. NO.: 1.0

A. FEATURES:

1. 1-Port Resonator.

RoHS Compliant
Lead free
Lead-free soldering

B. MAXIMUM RATING:

1.Input Power Level: 10 dBm

2.DC voltage: 3 V

3.Operating Temperature: -40°C to +85°C

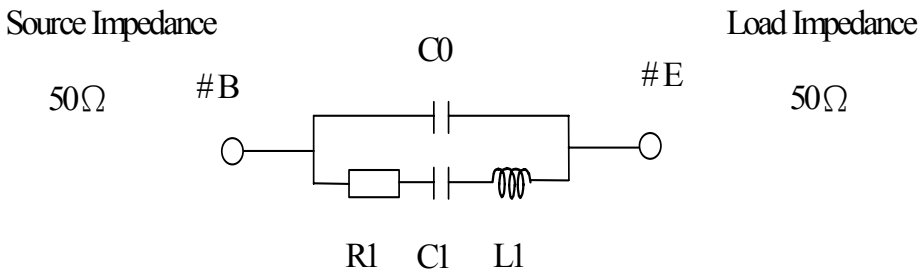
4.Storage Temperature: -40°C to +85°C

C. ELECTRICAL CHARACTERISTICS:

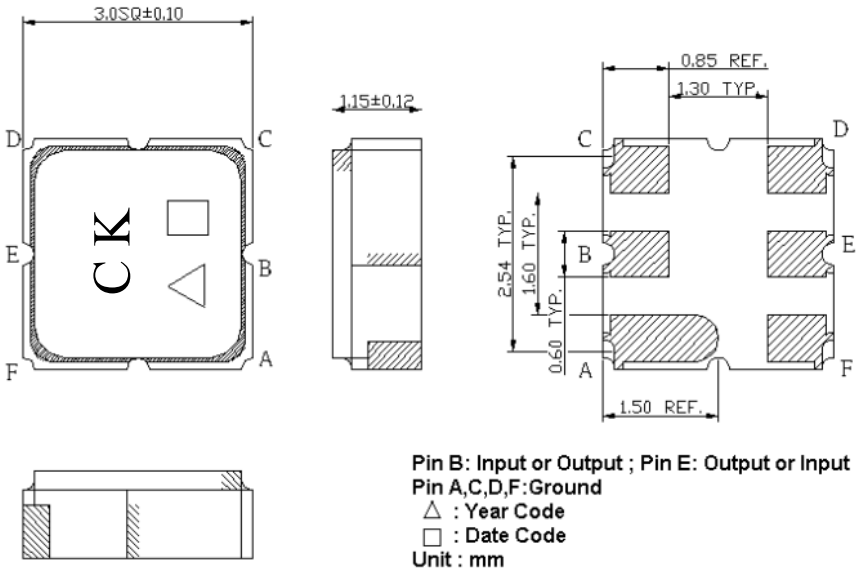
Characteristic	Units	Minimum	Typical	Maximum
Center frequency **Fr**	**MHz**	622.375	622.41	622.445
Insertion Loss **IL**	**dB**	-	1.9	2.5
Equivalent Elements				
Motional capacitance **C1**	**fF**	-	1.09	-
Motional inductance **L1**	**μH**	-	59.83	-
Motional resistance **R1**	**Ohm**	-	24.35	-
Parallel capacitance **Co**	**pF**	-	2.54	-
Temp.coeff.	**ppm/c*2**	-	0.032	-
Turnover To	**deg.C**	-	25	-
Package size		SMD 3.0X3.0X1.4mm		

D.EQUVIRENT CIRCUIT:

One-Port Resonator:



E.OUTLINE DRAWING:



Pin B: Input or Output ; Pin E: Output or Input
Pin A,C,D,F:Ground
△ : Year Code
□ : Date Code
Unit : mm

□ Data code：See the table

WK	01	02	…	26	27	28	…	52
Code	A	B	…	Z	a	b	…	z

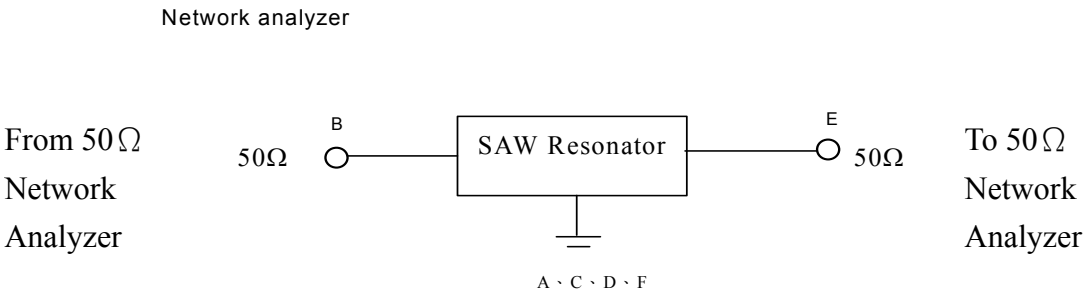
△ Year code：See the table

Year	2008	2009	2010	2011	…	2019	2020
Code	8	9	0	1	…	9	0

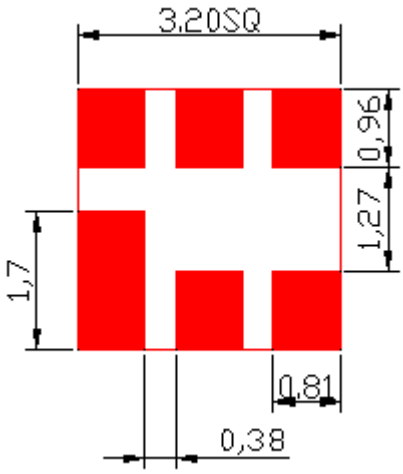
F. FREUENCY CHARACTERISTICS



G. TEST CIRCUIT:

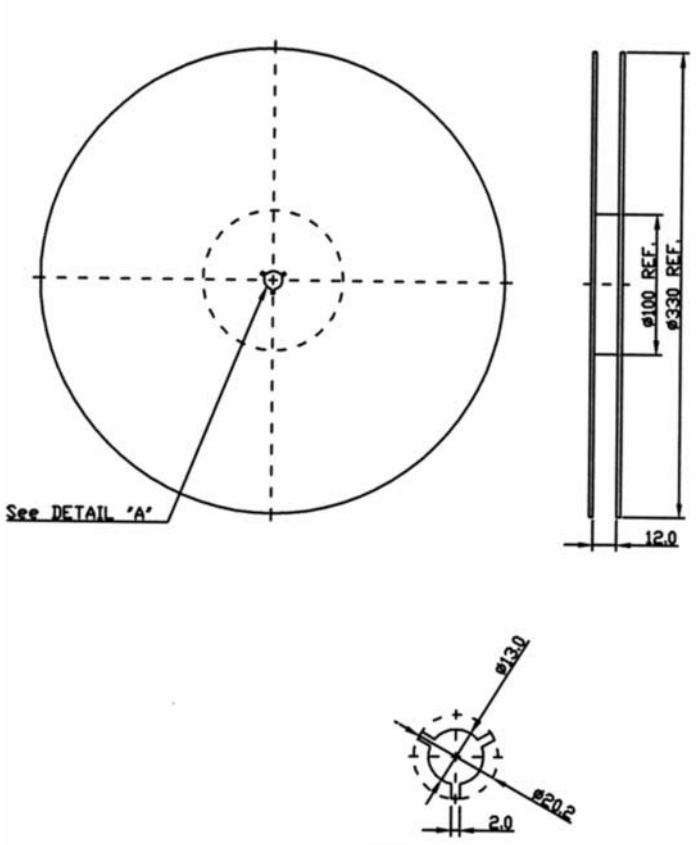


H. LAND PATTERN:

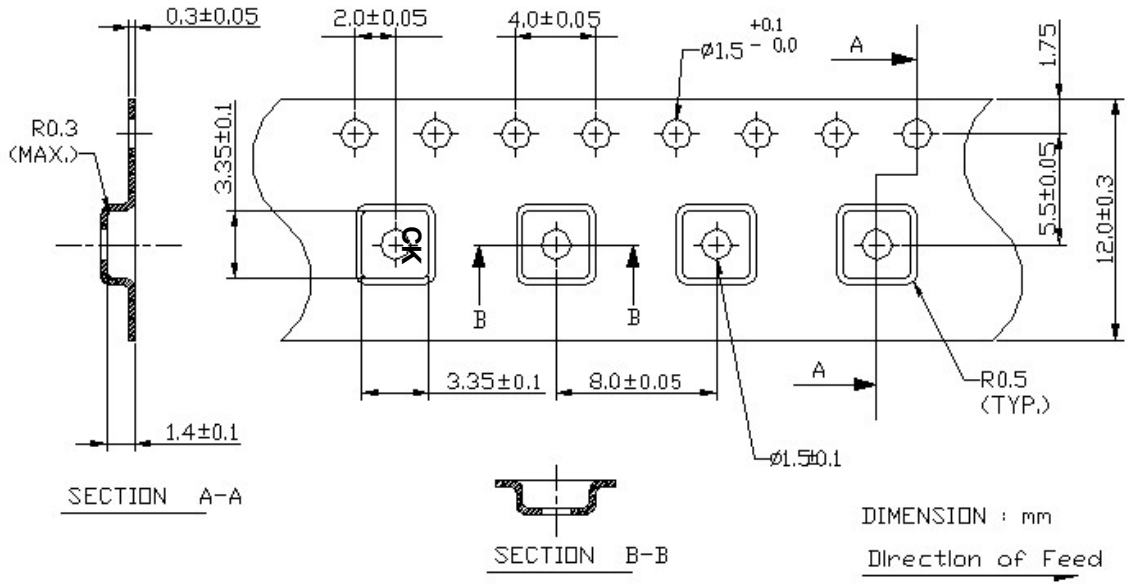


I. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



J. RECOMMENDED REFLOW PROFILE:

