



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: 11/3/2006 (REV. NO: 2)

Product Name: Tuning Fork 32.768 kHz Crystal Unit

TST Parts No.: TZ0824A

Customer Parts No : _____

Company: _____
Division: _____
Approved by: _____
Date: _____

Checked by: _____ CC Hsu

Approval by: _____ Robert Chang

Date: _____ 11/3/2006



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Tuning Fork 32.768 kHz Crystal Unit

MODEL NO.: TZ0824A

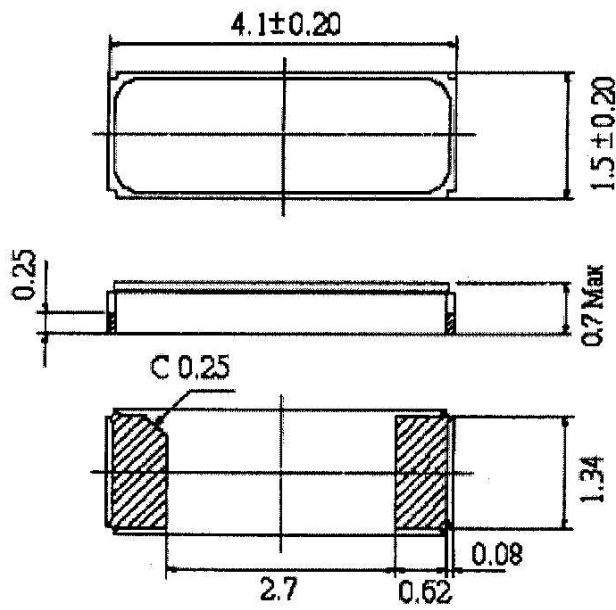
REV. NO.: 2

RoHS Compliant
Lead free
Lead-free soldering

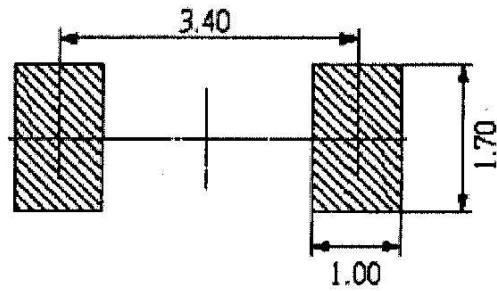
Electrical Specifications:

TZ0824A	Specification
Nominal Frequency	32.768 kHz
Operating Temperature Range	-40°C to +85°C
Turnover Temperature	25 +/- 5 °C
Parabolic Curvature Constant	-0.04 ppm / °C ² max.
Frequency Make Tolerance (FL)	+/-20 ppm @ 25°C +/- 2°C
Equivalent Series Resistor (ESR)	80 kΩ max.
Drive Level	0.2uW (1.0 uW max.)
Load Capacitance (CL)	12 pF
Aging	+/-3.0 ppm/year @25°C
Marking	Laser marking
Insulation Resistance	500M Ω min at DC 100V

Mechanical Dimensions (mm):



Recommended Land Pattern

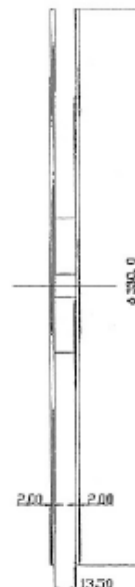
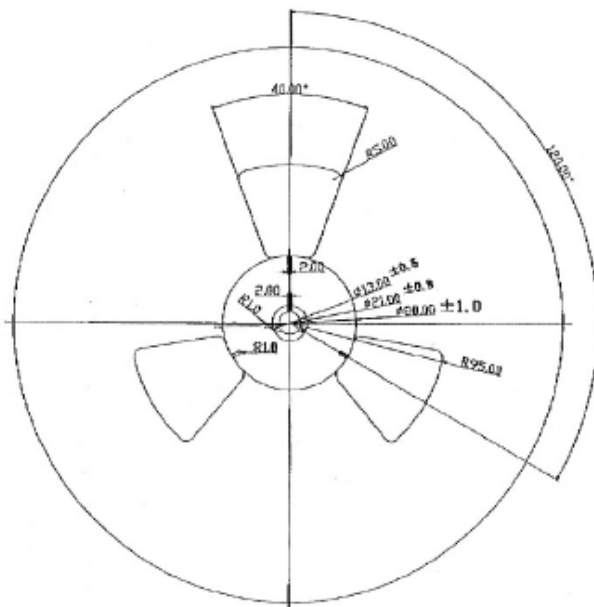


Marking

“D” stand for Logo, “A” stand for Frequency , “xxx” stand for Lot No. ”C” stand for country of origin.



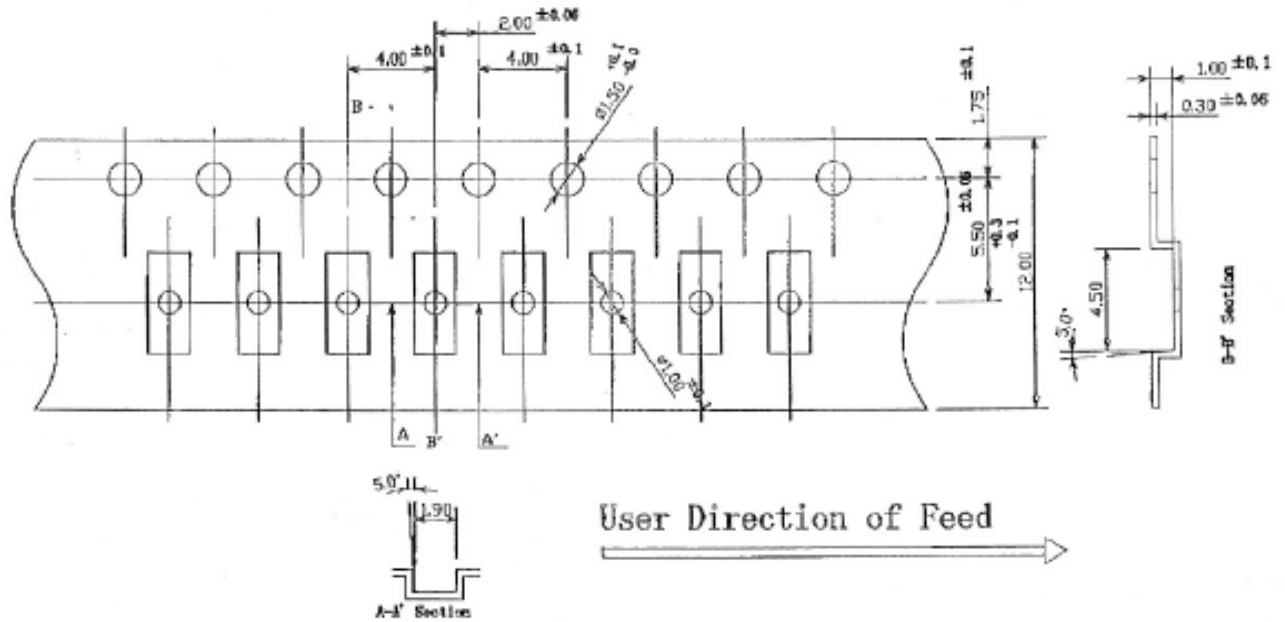
Reel Dimension



The material
Paper

3000 Pcs /reel

Tape Dimension



Reflow Profile:

