



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
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Approval Sheet For Product Specification

Issued Date: 07/07/2006

Product Name: 8.0x3.0mm DIP Tuning Fork 32.768kHz Crystal Unit

TST Part No.: TZ0924A

Customer Part No.: _____

| |
|---------------------|
| Company: _____ |
| Division: _____ |
| Approved by : _____ |
| Date: _____ |

Checked by: _____ Robert Chang

Approved by: _____ TF Yang

Date: _____ 07/07/2006



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32.768kHz Crystal Unit

MODEL NO.: TZ0924A

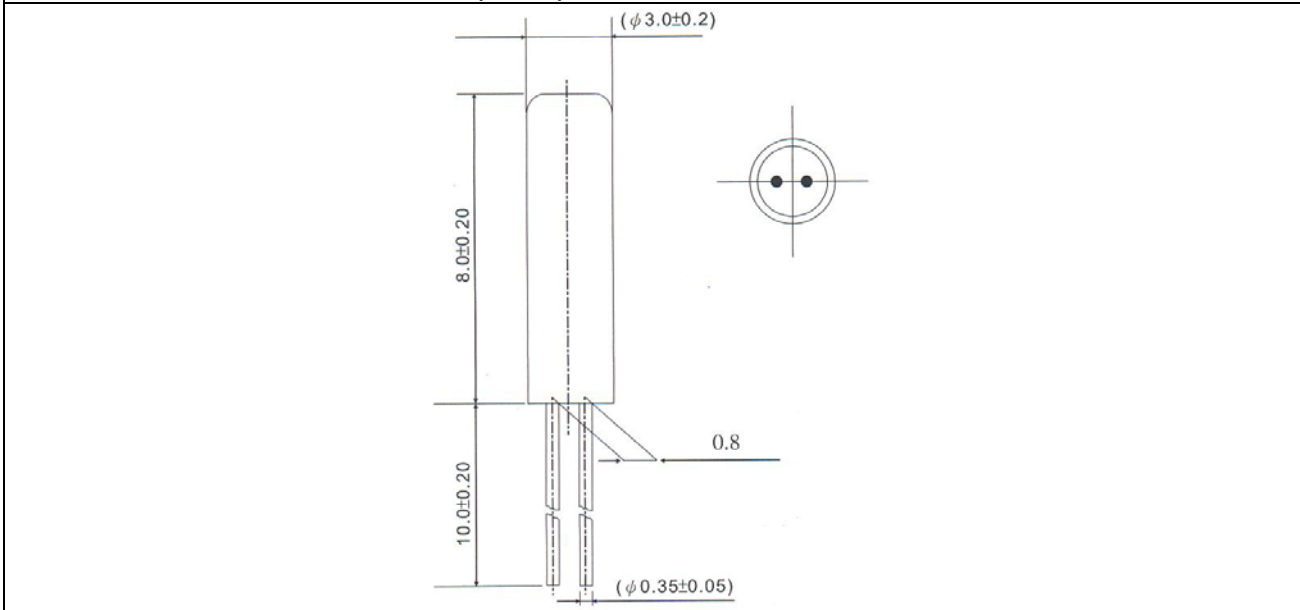
REV. NO.: 1.0

Electrical Specifications:

RoHS Compliant
Lead-free soldering

| Items | Specification |
|--|-------------------------------------|
| Nominal Frequency | 32.7680 KHz |
| Storage temperature | -55 to +125 °C |
| Operating Temperature Range | -30°C to +85°C |
| Temperature characteristics - Turnover temperature | 25+/-5 °C |
| Temperature characteristics - Parabolic curvature constant | -0.034 +/-0.006 ppm/°C ² |
| Frequency Make Tolerance (FL) | +/-20 ppm @ 25°C +/- 2°C |
| Equivalent Series Resistance (ESR) | 50K Ω max. |
| Drive Level | 1.0uW max. |
| Load Capacitance (CL) | 12.5 pF |
| Aging | +/-5 ppm max. |
| Insulation Resistance | 500MΩ Min. / DC100V |

Mechanical Dimensions (mm):



PACKING: Bulk (1kpcs/Bag)