

3.2 x 2.5 mm SMD RTC CXO 7XZ SERIES



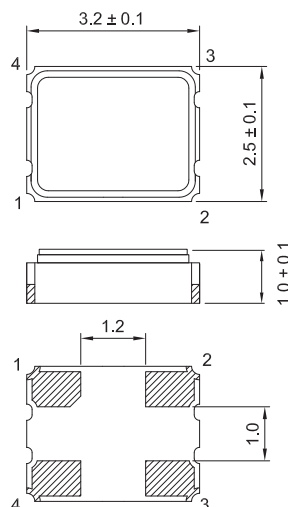
Features

- > Ultra small 32.768 KHz RTC oscillator in seam sealed ceramic package.
- > 4 pads design to achieve good soldering contact on PCB.
- > Use AT crystal as the resonator for good temperature performance
- > Tri-State function available for power saving
- > RoHS Compliant / Pb Free

Electrical Specifications

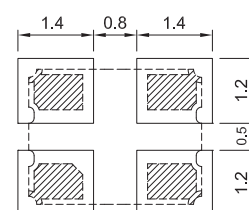
Item / Type	7XZ
Normal Frequency	32.768 KHz
Oscillation Mode	AT Fundamental
Output Type	CMOS
Output Load	15 pF, or specify
Supply Voltage	1.8V, 2.5V, or 3.3V
Frequency Stability	± 25ppm (-10 ~ +70C), or specify
Operating Temperature Range	- 40 ~ + 85 °C
Storage Temperature Range	- 55 ~ + 125 °C
Voltage Vol (Max.) / Voh (Min.)	0.1 VDD / 0.9 VDD
Rise (Tr) / Fall (Tf) Time	300 ns Max.
Current Consumption	3 mA Max.
Symmetry	45 ~ 55 %
Start-up Time	10 ms Max.
Tri-state Voltage Vol (Max.) / Voh (Min.)	0.3 VDD / 0.7 VDD
Aging (at 25 °C)	± 5 ppm at first year.

Dimensions



PAD FUNCTION:
 1:ENABLE CONTROL
 2:GND
 3:OUT
 4:VDD

Suggested Layout



Units:mm

Remark : Specification subject to change without prior notice. Please confirm with our sales.



OSCILLATOR Part Numbering System - 32.786KHz

Example Part Number: 7XZ-32.768KBA-T

