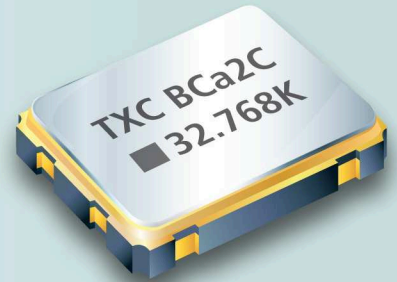


SMD RTC Crystal Oscillators 7.0 x 5.0 x 1.3 mm 7WZ Series

Features

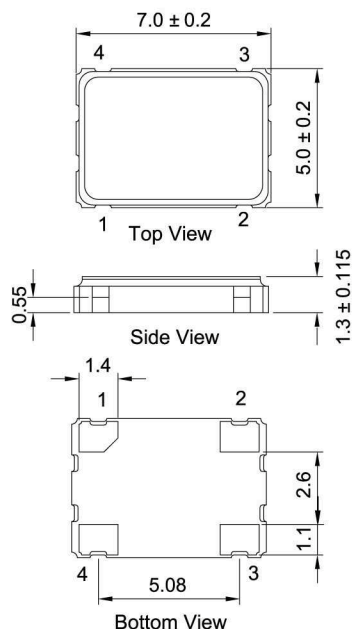
- Meet 32.768 kHz RTC clock signal for tight tolerance requirement.
- Easy to use SMD seam sealed ceramic package.
- 4 pads design to achieve good soldering contact on PCB.
- Use AT crystal as the resonator for good temperature performance.
- Tri-State function available for power saving.
- RoHS Compliant / Pb Free.



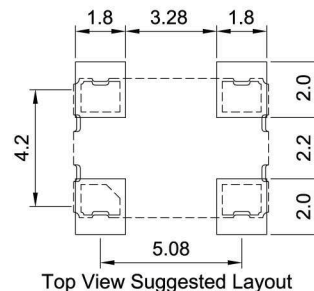
Electrical Specifications

| Item / Type | 7WZ |
|---|-------------------------------|
| Norminal Frequency | 32.768 kHz |
| Oscillation Mode | AT Fundamental |
| Output Type | CMOS |
| Output Load | 15 pF, or specify |
| Supply Voltage | 1.8 V, 2.5 V, 2.8 V, 3.3V |
| Frequency Stability | ± 25 ppm, ± 50 ppm |
| Operating Temperature Range | -10 ~ + 70 °C, - 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 | 250 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



Units: mm