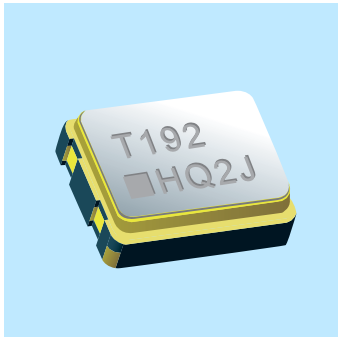


## 3.2 x 2.5 mm SMD CMOS CXO 7X SERIES



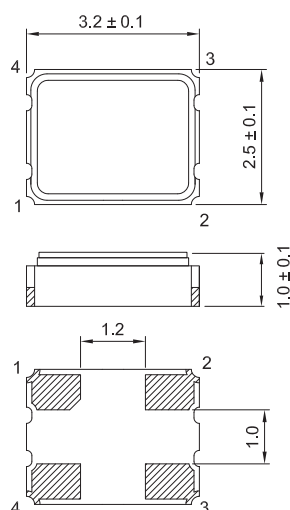
### Features

- > Ultra Small SMD seam sealed clock crystal oscillator units.
- > For applications in WLAN, Bluetooth, DSC, DSL and other IT product.
- > Tri-state function available.
- > RoHS Compliant / Pb Free

### Electrical Specifications

| Item / Type                     | 7X                                   |
|---------------------------------|--------------------------------------|
| Output Type                     | CMOS                                 |
| Output Load                     | 15 pF                                |
| Oscillation Mode                | Fundamental / 3rd Overtone           |
| Supply Voltage                  | 3.3V (1.8V, 2.5V available)          |
| Frequency Range                 | 1 ~ 106.25 MHz                       |
| Frequency Stability             | ± 25 ppm (-10 ~ + 70 °C), 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      | 10 ns Max.                           |
| Supply Current                  | 20 mA Max.                           |
| Symmetry                        | 45 ~ 55 %                            |
| Start-up Time                   | 10 ms Max.                           |
| Phase Jitter (12 KHz ~ 20 MHz)  | 1 ps Max.                            |
| Aging (at 25 °C)                | ± 3 ppm / year Max.                  |

### Dimensions



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

Suggested Layout

