### Features
- **Applications:** telecommunications, automotive, medical
- **Super small package:** (2.0 x 1.6 x 0.45 mm)
- **Wide frequency range:** 19.2 to 66 MHz
- **High shock and vibrational resistivity**
- **Reflow soldering @** 260 °C

### Parameter | Specification
--- | ---
**Frequency range** | 19.2 ~ 66 MHz fundamental
**Mode of oscillation** | AT-cut
**Standard frequencies** | 20.0, 24.0, 24.576, 26.0, 27.0, 32.0, 44.0, 48.0 & 66.0 MHz
**Frequency tolerance** | ±10 ~ ±50 ppm @ +25 °C
**Frequency stability** | ±10 ~ ±50 ppm vs. operating temperature range
**Aging** | ±2 ppm 1st year
**Load capacitance** | series or parallel resonance (CL = 8 ~ 32 pF)
**Equivalent series resistance (ESR)** | < 35 Ω @ 26 MHz
**Drive level** | 10 ~ 100 µW
**Operating temperature range** | -20 ~ +70 °C commercial application
-40 ~ +85 °C industrial application
-40 ~ +125 °C automotive & avionic application
**Storage temperature range** | -55 ~ +125 °C
**Packaging unit** | tape & reel 1’000 or 3’000 pieces

**Customer specifications on request**

**Pin function**
- #1 crystal connection
- #2 GND
- #3 crystal connection
- #4 GND

**Example for soldering pattern**

**Do not design any conductive path between the pattern**

**Example for IR reflow soldering temperature**