



■ Features

- 7.0 x 5.0 x 1.2 MAX. mm of surface mounted quartz crystal units.
- Excellent reliability characteristics such as heat and mechanical shock.
- Pb-free and satisfy RoHs requirements.
- Reflow soldering is available.

■ Applications

Digital Electronics, Consumer Products, Mobile Communications, and Automotive

■ Specifications

| | |
|---|---------------------------------|
| Frequency range | 6~100 MHz |
| Overtone Order | Fundamental, 3rd overtone |
| Frequency tolerance at 25°C | ±10, ±15, ±20, ±30, ±50 ppm |
| Operating temperature range and frequency stability | See Table 1 |
| Equivalent series resistance | See Table 2 |
| Shunt capacitance | 5 pF Max or specify |
| Load capacitance | Series, 8, 16, 20 pF or specify |
| Drive level (Max.) | 10, 100, 200 μW or specify |
| Insulation resistance | 500MΩ Min. at DC 100V |