

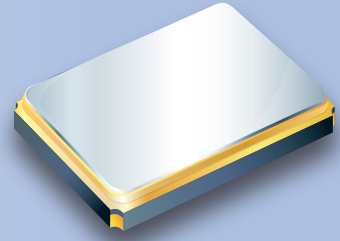
SMD Seam Sealing Crystals

5.0 x 3.2 x 0.9 mm 7B Series

Quartz Crystals
Series

Features

- High precision characteristics covering up to wide frequency range.
- Higher frequency stability and reliability.
- Excellent for reducing EMI effect.
- The best choice of Bluetooth, wireless communication set, DSC, PDA, mobile phone and USB interface card.
- RoHS Compliant / Pb Free.



Electrical Specifications

| Item / Type | 7B | 7B(T) |
|--|---------------------------------|---------------------------------|
| Frequency Range | 8 ~ 125MHz | |
| Frequency Tolerance (at 25 °C) | ± 30 ppm, or specify | ± 10 ppm |
| Frequency Stability Over Operating Temperature Range | ± 30 ppm, or specify | ± 10 ppm |
| Operating Temperature Range | -10 ~ +70 °C, or specify | |
| Shunt Capacitance (C0) | 5 pF Max. (2 pF typical) | |
| Drive Level | 1 ~ 200 μW (100 μW typical) | |
| Load Capacitance | 10 pF, 16 pF, 20 pF, or specify | 6 pF, 9 pF, 10 pF, 12 pF, 16 pF |
| Aging (at 25 °C) | ± 3 ppm / year Max. | ± 1 ppm / year Max. |
| Storage Temperature Range | - 40 ~ + 85 °C | |

Equivalent Series Resistance(ESR)

| Fundamental | | 3rd Overtone | |
|-------------|-----------|--------------|------------|
| 8 ~ 11 MHz | 80 Ω Max. | 40 ~ 60 MHz | 120 Ω Max. |
| 12 ~ 54 MHz | 40 Ω Max. | 60 ~ 125 MHz | 80 Ω Max. |

Dimensions

