

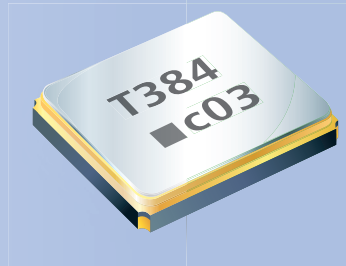
SMD Seam Sealing Crystals

2.0 x 1.6 x 0.5 mm 8Y Series

Quartz Crystals
Series

Features

- Extremely small SMD type crystal units.
- High precision and high frequency stability.
- Excellent heat resistance and environmental characteristics.
- Applications in PDA, DSC, DVC, PC, etc.
- RoHS Compliant / Pb Free.



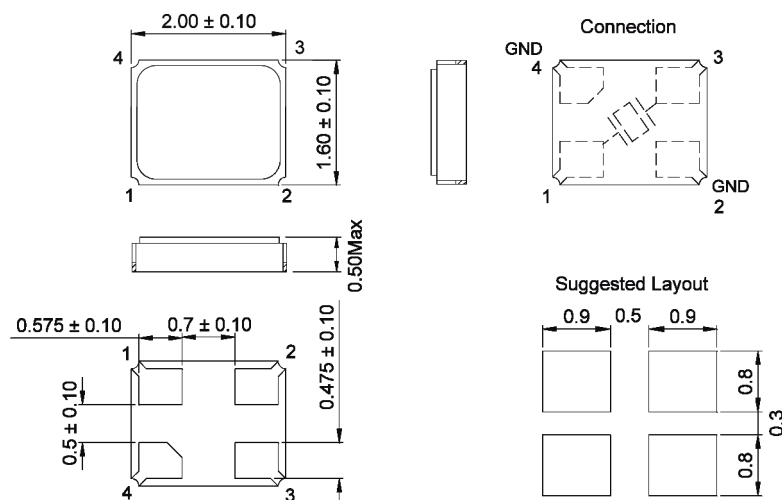
Electrical Specifications

| Item / Type | 8Y |
|--|--------------------------------|
| Frequency Range | 16 ~ 54 MHz |
| Frequency Tolerance (at 25 °C) | ± 10 ppm, ± 20 ppm, or specify |
| Frequency Stability Over Operating Temperature Range | ± 10 ppm, ± 20 ppm, or specify |
| Operating Temperature Range | -10 ~ + 70 °C, or specify |
| Shunt Capacitance (C0) | 3 pF Max. |
| Drive Level | 1 ~ 200 μW (50 μW typical) |
| Load Capacitance | 8 pF, 10 pF, 12 pF, or specify |
| Aging (at 25 °C) | ± 3 ppm / year Max. |
| Storage Temperature Range | - 40 ~ + 85 °C |

Equivalent Series Resistance(ESR)

| Fundamental | |
|---------------|------------|
| 16 ~ 19.2 MHz | 200 Ω Max. |
| 19.2 ~ 30 MHz | 100 Ω Max. |
| 30 ~ 54 MHz | 80 Ω Max. |

Dimensions



Units: mm

Remark : Specification subject to change without prior notice. Please confirm with our sales. <http://www.txccorp.com>