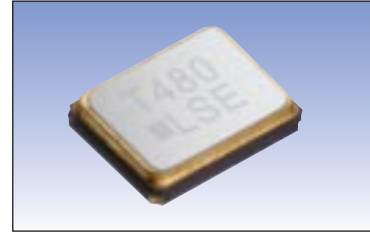


2.5 x 2 mm SMD SEAM SEALED CRYSTAL / 8Z SERIES

■ Features

- High precision and high frequency stability.
- Excellent heat resistance and environmental characteristics.
- Applications in PDA, DSC, DVC, and PC.
- Lead free parts.



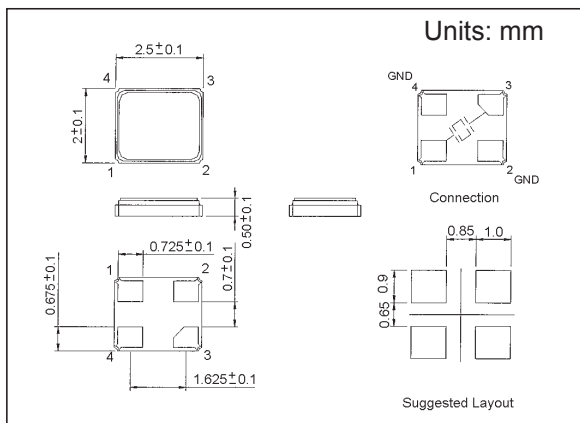
■ Electrical Specifications

| Item | Type | 8Z |
|--|------|---------------------------------|
| Frequency Range | | 24 ~ 54 MHz |
| Frequency Tolerance (at 25 °C) | | ± 10 ppm, ± 30 ppm, or specify |
| Frequency Stability Over Operating Temperature Range | | ± 10 ppm, ± 30 ppm, or specify |
| Operating Temperature Range | | -10 ~ +70 °C, or specify |
| Shunt Capacitance (C0) | | 3 pF Max. |
| Driver Level | | 1 ~ 100 μW Max. (10 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 | |
|-------------|------------|
| 24 ~ 30 MHz | 100 Ω Max. |
| 30 ~ 54 MHz | 60 Ω Max. |

■ Dimensions



■ Reflow Condition

