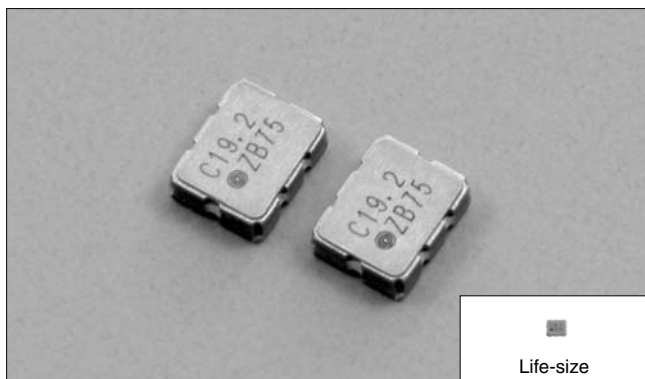


CSX-252T

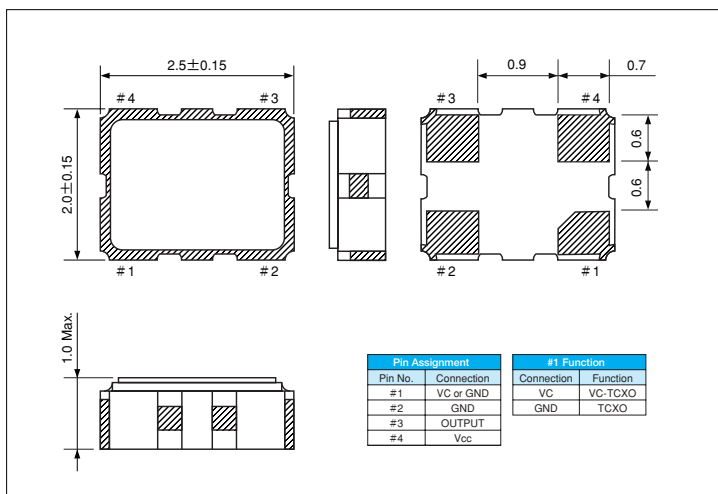
2000pcs/reel



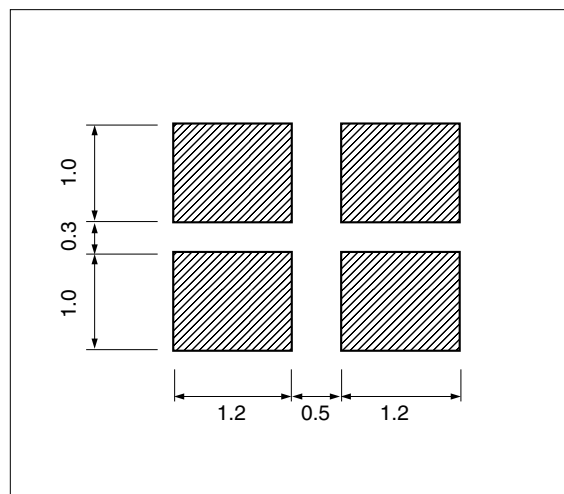
FEATURES

- High-density SMD type.
Ultra-light weight and ultraminiature size.
- Automatic mounting and reflowable type.
- Low current consumption.
- Small phase noise.
- Available in 1.8V ultralow voltage drive.
- Most appropriate for Cellular phone and other equipment with telecommunication devices.

DIMENSION [mm]



SOLDER PAD LAYOUT [mm]



STANDARD SPECIFICATIONS

| Item | Model | CSX-252T |
|-----------------------------|------------------------|--|
| Nominal Frequency | f_0 | 19.2MHz, 26.0MHz, 38.4MHz |
| Frequency Stability | $\Delta f/f_0$ | $\pm 2.5\text{ppm} / (-30^\circ\text{C} \sim +75^\circ\text{C})$ |
| Operating Temperature Range | T_{OPR} | $-30^\circ\text{C} \sim +75^\circ\text{C}$ |
| Storage Temperature Range | T_{STR} | $-40^\circ\text{C} \sim +85^\circ\text{C}$ |
| Supply Voltage | V_{dd} | 1.8V ~ 3.0V $\pm 5\%$ |
| Frequency adjustment range | Δf_{VC} | $\pm 4 \sim \pm 15\text{ppm} / \text{Center voltage } \pm 1.0\text{V}$ |
| Supply current | I_{dd} | 2.5mA Max. |
| Output Voltage | V_{OUT} | 0.8Vp-p Min. (10k Ω /10pF) |
| Start-up time | T_{ST} | 3.5 msec Max. |
| Aging (first year) | F_{A} | $\pm 1.0\text{ppm} / \text{year Max.}$ |