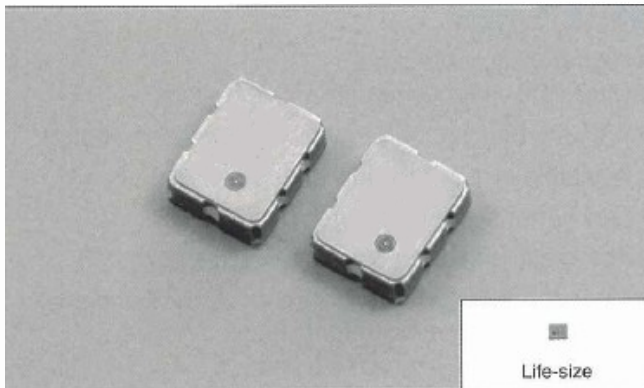


# CSX-252T

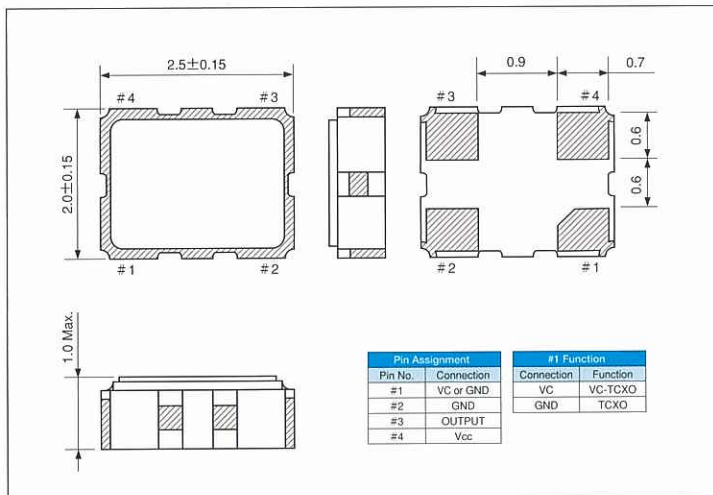
2000pcs/reel



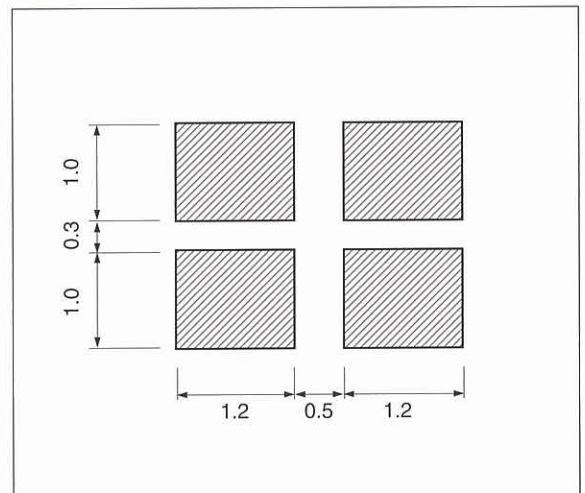
## FEATURES

- 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         | $\Delta f/f_0$  | $\pm 2.5$ 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  | $\Delta f_{VC}$ | $\pm 4 \sim \pm 15$ ppm / Center voltage $\pm 1.0$ V           |
| Supply current              | $I_{dd}$        | 2.5mA Max.   |
| Output Voltage              | $V_{OUT}$       | 0.8Vp-p Min. (10k $\Omega$ / 10pF)                             |
| Start-up time               | $T_{ST}$        | 3.5 msec Max.  |
| Aging (first year)          | FA              | $\pm 1.0$ ppm / year Max.                                      |