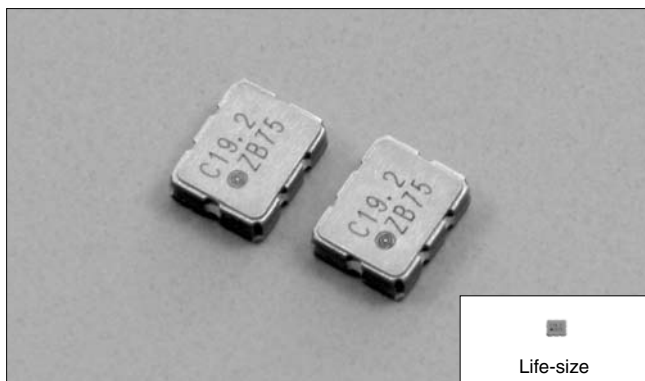


# CSX-252T

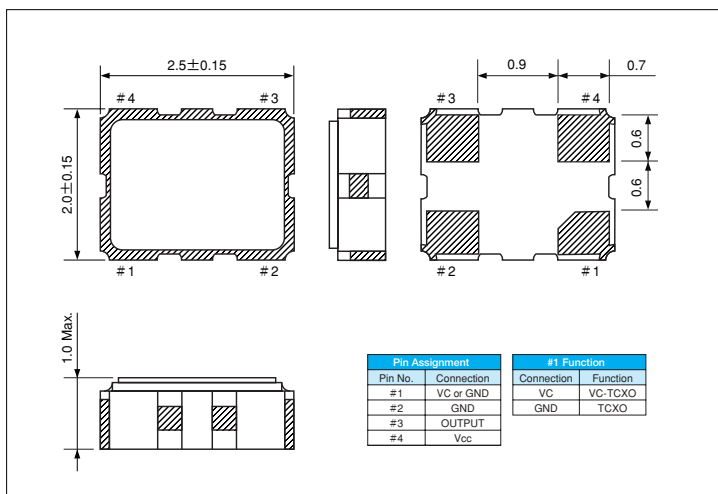
2000pcs/reel



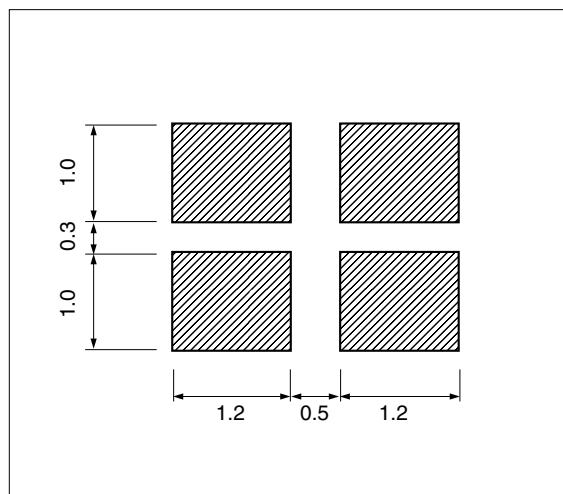
## FEATURES

- 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	$T_{\text{OPR}}$	$-30^\circ\text{C} \sim +75^\circ\text{C}$
Storage Temperature Range	$T_{\text{STR}}$	$-40^\circ\text{C} \sim +85^\circ\text{C}$
Supply Voltage	$V_{\text{dd}}$	1.8V ~ 3.0V $\pm 5\%$
Frequency adjustment range	$\Delta f_{\text{VC}}$	$\pm 4 \sim \pm 15\text{ppm} / \text{Center voltage } \pm 1.0\text{V}$
Supply current	$I_{\text{dd}}$	2.5mA Max.
Output Voltage	$V_{\text{OUT}}$	0.8Vp-p Min. (10k $\Omega$ /10pF)
Start-up time	$T_{\text{ST}}$	3.5 msec Max.
Aging (first year)	$F_{\text{A}}$	$\pm 1.0\text{ppm} / \text{year Max.}$