



## Quartz Crystal

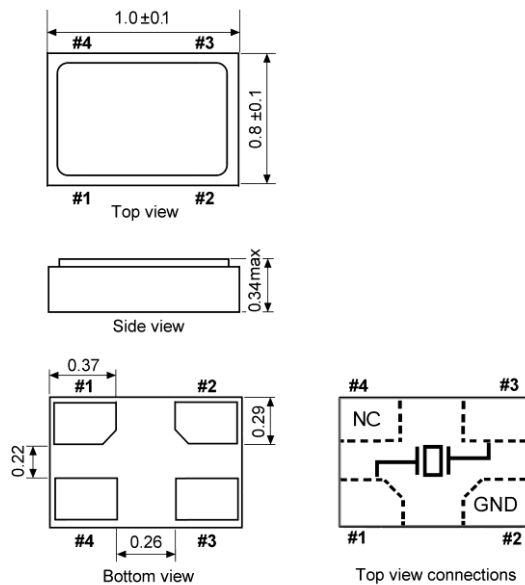
SMD-version

part no.	12.xxxxx
model	KX – 2
frequency range	40.0 ~ 100.0 MHz*
mode	fundamental
operating temperature	-40° ~ +85°C
frequency tolerance at +25°C	±10 ppm
temperature tolerance at -20° ~ +75°C	±10 ppm
at -30° ~ +85°C	±15 ppm
at -40° ~ +85°C	±20 ppm
load capacitance $C_L$	6 pF standard
series resistance R1 (ESR) max.	60 Ohm
aging at +25°C (first year) max.	±2 ppm
shunt capacitance $C_0$ max.	1.0 pF
drive level max.	10 µW
contents of reel	1000

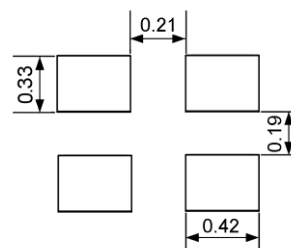
\* standard frequency: 48.0 MHz; other frequencies and  $C_L$ s on request

\* operating temperature -40 to 105°C on request

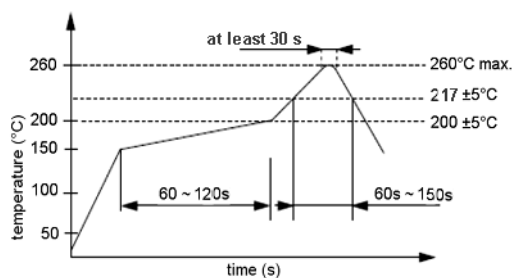
Dimensions (mm) :



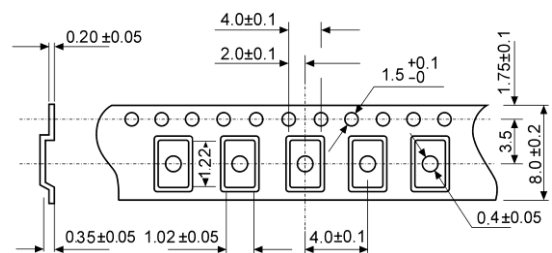
Suggested soldering pad:



Reflow soldering condition:



Tape specification:



reel diameter 180 mm