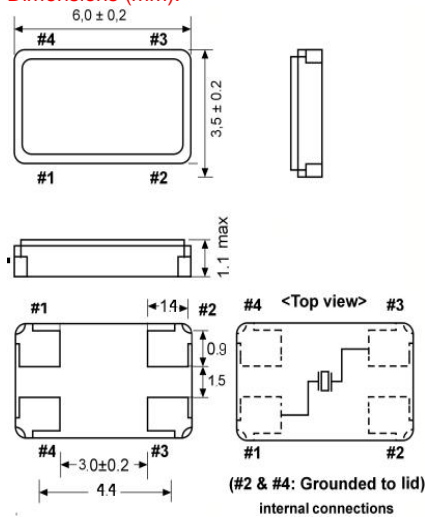


## Quartz Crystal

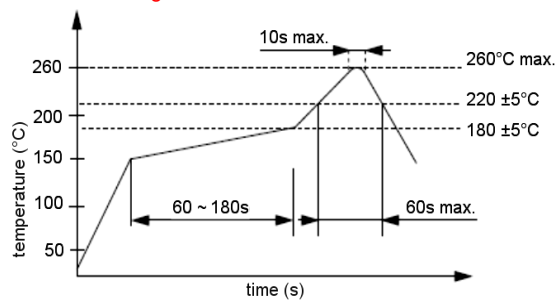
SMD-version

part no.	12.87747
model	KX – 12AT
frequency	12.0 MHz
mode	fundamental
operating temperature	-40° ~ +85°C
frequency tolerance at +25°C	±10 ppm
temperature tolerance -40° ~ +85°C	±20 ppm
load capacitance $C_L$	12 pF
series resonance R1 max.	80 Ohm
aging at 25°C (first year) max.	±2 ppm
shunt capacitance $C_0$ max.	5.0 pF
drive level max.	0.1 mW
contents of reel	1000 pcs.

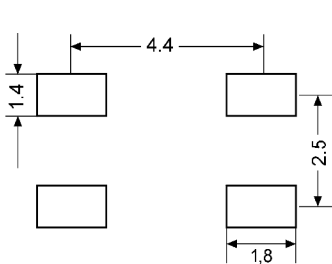
### Dimensions (mm):



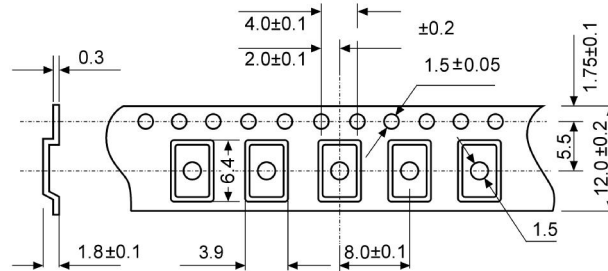
### Reflow soldering condition:



### Suggested soldering pad:



### Tape specification:



reel diameter 178 mm