

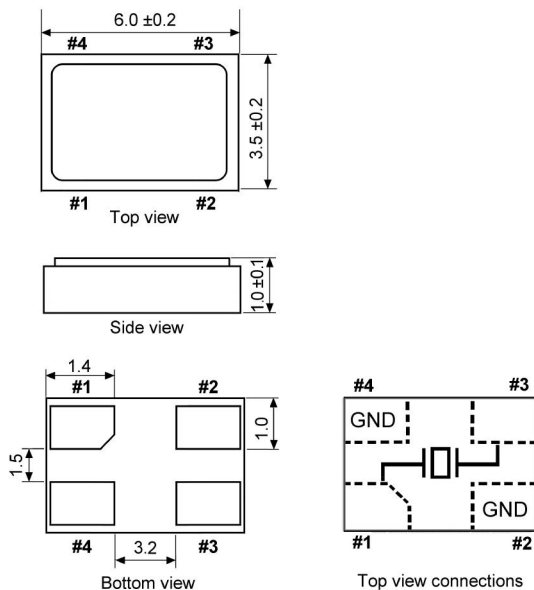


Quartz Crystal

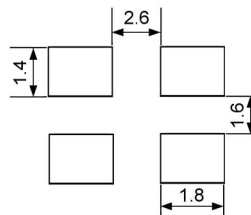
SMD-version

part no.	12.xxxxx
model	KX – 12A
frequency range	8.0 ~ 150.0 MHz
mode	fundamental, 3 rd overtone
operating temperature	standard -20° ~ +70°C avail. -40° ~ +85°C (=KX-12AT); -40° ~ +105°C (=KX-12AE); -40° ~ +125°C (=KX-12AF)
frequency tolerance at +25°C	standard ±30 ppm; available ±10 ~ ±50 ppm
temperature tolerance at -20° ~ +70°C, -40° ~ +85°C -40° ~ +105°C -40° ~ +125°C	standard ±50 ppm; available ±10 ~ ±50 ppm standard ±50 ppm; available ±30 ~ ±100 ppm standard ±50 ppm
load capacitance C_L	standard 16 pF, available 10 ~ 20 pF
series resistance R1 (ESR) max.	fundamental 8.0 ~ 11.99 MHz 80 Ohm 12.0 ~ 80.0 MHz 50 Ohm 3 rd overtone 40.0 ~ 150.0 MHz 80 Ohm
aging at +25°C (first year) max.	±2 ppm
shunt capacitance C_0 max.	5.0 pF
drive level max.	300 µW
contents of reel	1000 pcs.

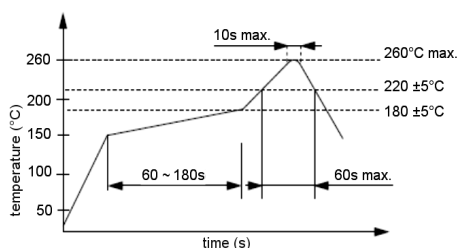
Dimensions (mm):



Suggested soldering pad:



Reflow soldering condition:



Tape specification:

