

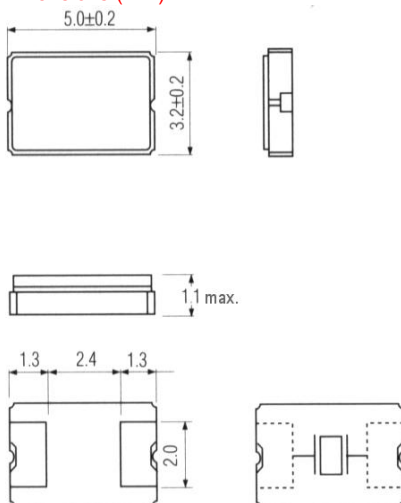


Quartz Crystal

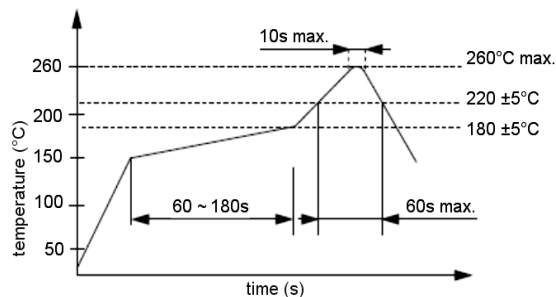
SMD-version

part no.	12.xxxxx
model	KX – 9B
frequency range	8.0 ~ 50.0 MHz
mode	fundamental
operating temperature	standard -20° ~ + 70°C available -40° ~ + 85°C (=KX-9BT) available -40° ~ +105°C (=KX-9BE)
frequency tolerance at +25°C	standard ±50 ppm available ±10 ~ ±50 ppm
temperature tolerance -20° ~ + 70°C -40° ~ + 85°C -40° ~ +105°C	standard ± 50 ppm, available ±10 ~ ± 50 ppm standard ±100 ppm, available ±20 ~ ± 100 ppm standard ±120 ppm, available ±30 ~ ± 120 ppm
load capacitance C_L	standard 16 pF available 10 ~ 20 pF
series resistance R_1 max.	fundamental 8.0 ~ 16.0 MHz 100 Ohm 16.1 ~ 20.0 MHz 60 Ohm 20.1 ~ 50.0 MHz 40 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.

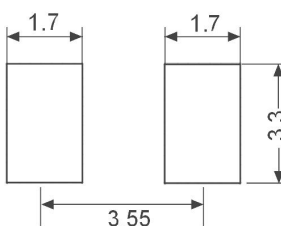
Dimensions (mm):



Reflow soldering condition:



Suggested soldering pad:



Tape specification:

