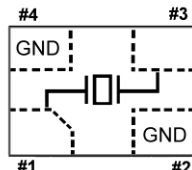
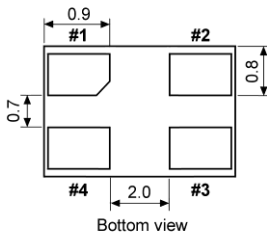
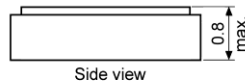
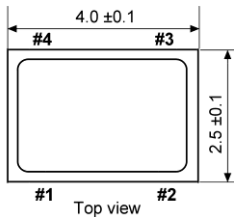


Quartz Crystal

SMD-version

part no.	12.xxxxx
model	KX - 8
frequency range	12.0 ~ 60.0 MHz
mode	fundamental
operating temperature	standard -20° ~ +70°C available -40° ~ +85°C (=KX-8T); -40° ~ +105°C (=KX-8E)
frequency tolerance at +25°C	standard ±30 ppm; available ±10 ~ ±50 ppm
temperature tolerance at -20° ~ +70°C at -40° ~ +85°C at -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 (ESR) R1 max.	12.0 ~ 13.0 MHz 80 Ohm 13.1 ~ 15.99 MHz 60 Ohm 16.0 ~ 60.0 MHz 50 Ohm
aging at +25°C (first year) max.	±2 ppm
shunt capacitance C ₀ max.	5.0 pF
drive level max.	200 µW
contents of reel	1000 pcs.

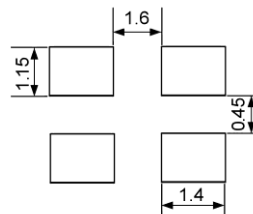
Dimensions (mm):



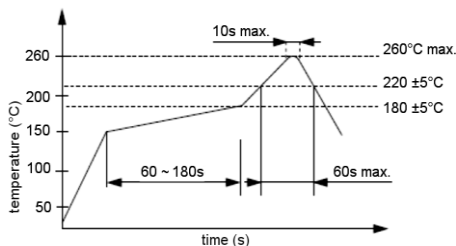
Top view connections

#2 & #4: connected to metal lid

Suggested soldering pad:



Reflow soldering condition:



Tape specification:

