

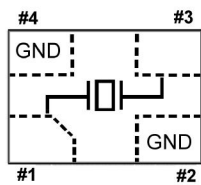
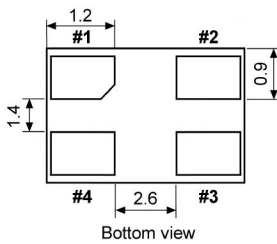
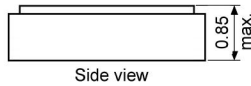
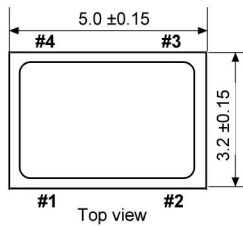


Quartz Crystal

SMD-version

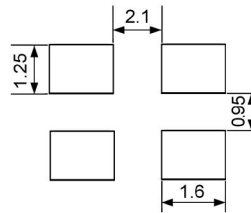
part no.	12.89312
model	KX – 9AE
frequency	10.0 MHz
mode	fundamental
operating temperature	-40° ~ +105°C
frequency tolerance at +25°C	±30 ppm
temperature tolerance -40° ~ +105°C	±100 ppm
load capacitance C_L	12 pF
series resistance R_1 (ESR) max.	80 Ohm
aging at +25°C (first year) max.	±2 ppm
shunt capacitance C_0 max.	5.0 pF
drive level max.	50 μ W
AEC-Q200	available
contents of reel	1000 pcs.

Dimensions:

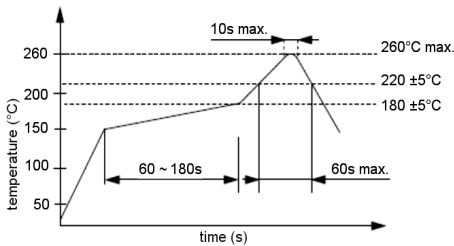


(#2 & #4: connected to metal lid)

Suggested soldering pad:



Reflow soldering condition:



Tape specification:

