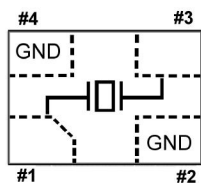
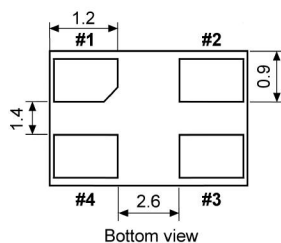
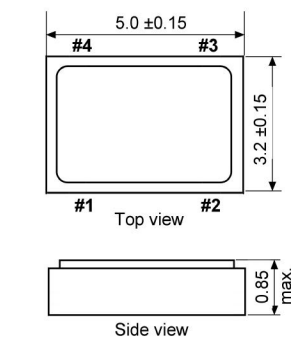


Quartz Crystal

SMD-version

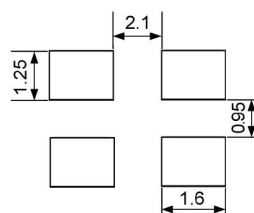
part no	12.89041
model	KX – 9A
frequency	29.49120 MHz
mode	fundamental
operating temperature	-20° ~ +70°C
frequency tolerance at +25°C	±30 ppm
temperature tolerance -20° ~ +70°C	±50 ppm
load capacitance C_L	16 pF
series resistance R1 (ESR) max.	50 Ohm
aging at +25°C (first year) max.	±2 ppm
shunt capacitance C_0 max.	5.0 pF
drive level max.	300 µW
contents of reel	1000 pcs.

Dimensions:

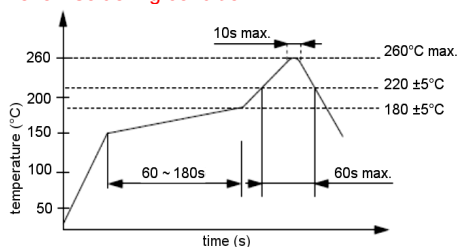


Top view connections
(#2 & #4: connected to metal lid)

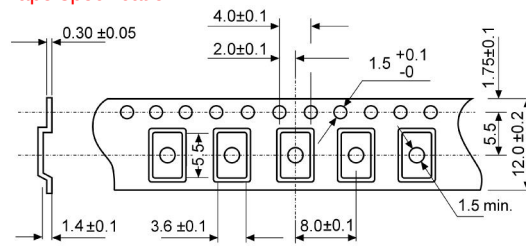
Suggested soldering pad:



Reflow soldering condition:



Tape specification:



reel diameter 178 mm