

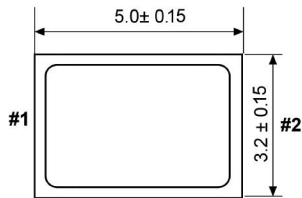


Quartz Crystal

SMD-version

part no.	12.89481
model	KX – 9B
frequency	48.0 MHz
mode	fundamental
operating temperature	-20° ~ +70°C
frequency tolerance at +25°C	±20 ppm
temperature tolerance -20° ~ +70°C	±30 ppm
load capacitance C_L	8pF
series resistance R1 (ESR) max.	40 Ohm
aging at +25°C (first year) max.	±2 ppm
shunt capacitance C_0 max.	5.0 pF
drive level max.	300 μ W
contents of reel	1000 pcs.

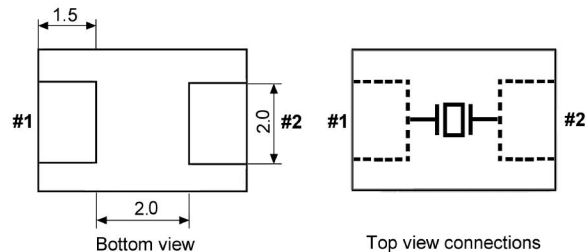
Dimensions:



Top view



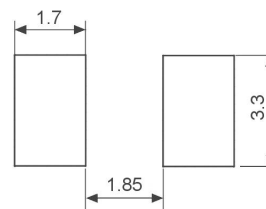
Side view



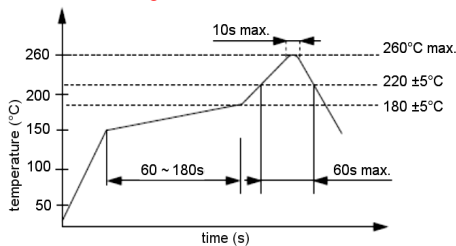
Bottom view

Top view connections

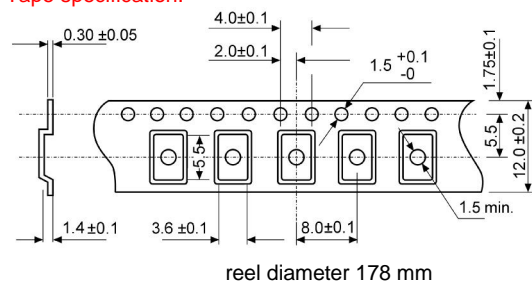
Suggested soldering pad:



Reflow soldering condition:



Tape specification:



reel diameter 178 mm