

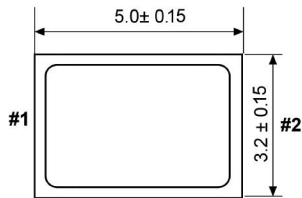


Quartz Crystal

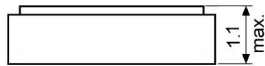
SMD-version

part no.	12.89452
model	KX – 9BF
frequency	30.0 MHz
mode	fundamental
operating temperature	-40° ~ +125°C
frequency tolerance at +25°C	±30 ppm
temperature tolerance -40° ~ +125°C	±100 ppm
load capacitance C_L	12 pF
series resistance R1 (ESR) max.	30 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.

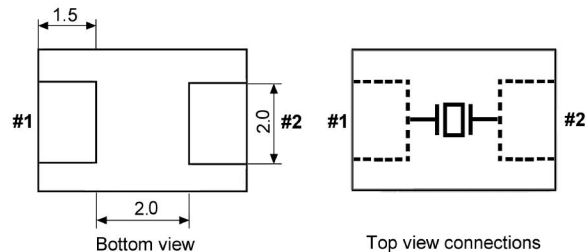
Dimensions:



Top view



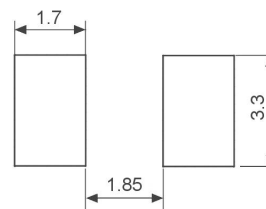
Side view



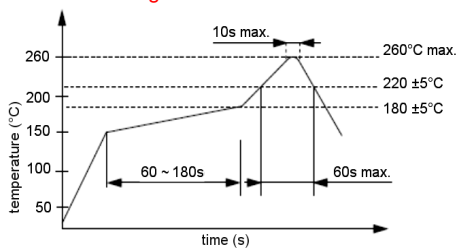
Bottom view

Top view connections

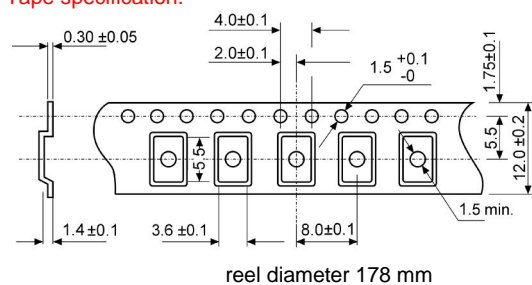
Suggested soldering pad:



Reflow soldering condition:



Tape specification:



reel diameter 178 mm