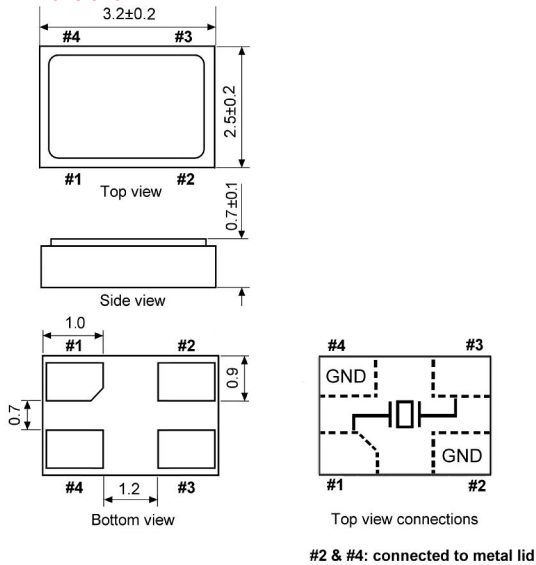


# Quartz Crystal

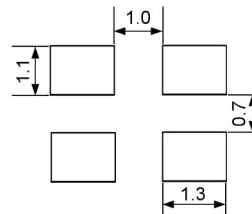
SMD-version

part no.	12.88531
model	KX – 7E
frequency	25.0 MHz
mode	fundamental
operating temperature	-40° ~ +105°C
frequency tolerance at +25°C	±20 ppm
temperature tolerance -40° ~ +105°C	±50 ppm
load capacitance C <sub>L</sub>	20 pF
series resistance R1 (ESR) max.	100 Ohm
aging at +25°C (first year) max.	±2 ppm
shunt capacitance C <sub>0</sub> max.	3.0 pF
drive level max.	200 µW
contents of reel	1000 pcs.

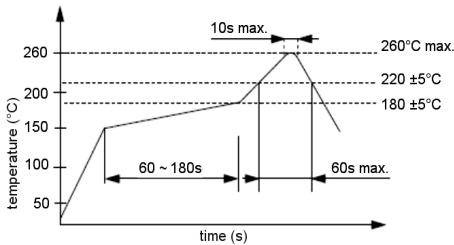
**Dimensions:**



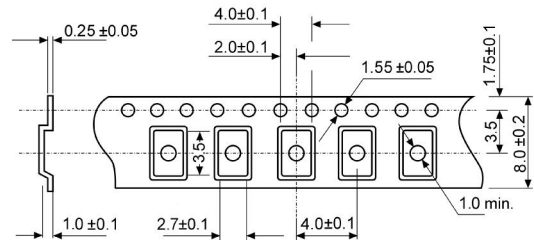
**Suggested soldering pad:**



**Reflow soldering condition:**



**Tape specification:**



reel diameter 178 mm