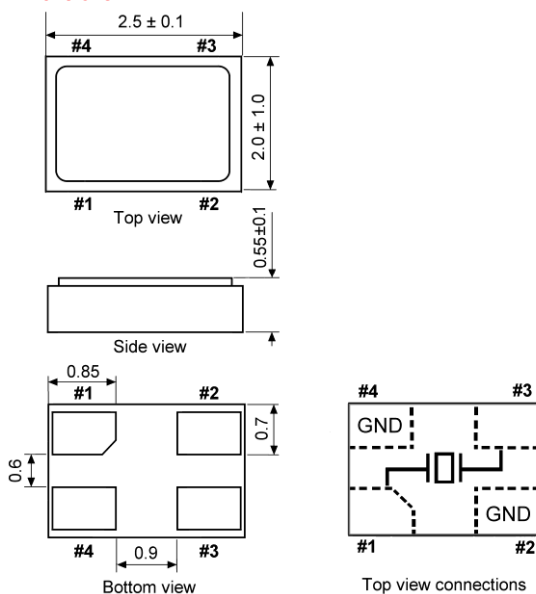


## Quartz Crystal

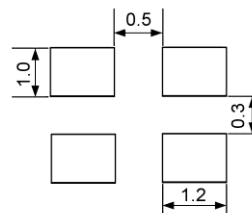
SMD-version

part no.	12.xxxxx
model	KX – 6
frequency range	12.0 ~ 80.0 MHz
mode	fundamental
operating temperature	standard -20° ~ +70°C available -40° ~ +85°C (=KX-6T); -40° ~ +105°C (=KX-6E) ; -40° ~ +125°C (=KX-6F)
frequency tolerance at +25°C	standard ±30 ppm; available ±10 ~ ±50 ppm
temperature tolerance at -20° ~ +70°C; -40° ~ +85°C -40° ~ +105°C -40° ~ +125°C	standard ±50 ppm; available ±10 ~ ±100 ppm standard ±100 ppm; available ±30 ~ ±120 ppm standard ±100 ppm; available ±50 ~ ±150 ppm
load capacitance $C_L$	standard 10 pF; available 8 ~ 16 pF
series resistance $R_1$ (ESR) max.	12.0 ~ 15.99 MHz 150 Ohm 16.0 ~ 20.0 MHz 100 Ohm 20.1 ~ 29.99 MHz 80 Ohm 30.0 ~ 80.0 MHz 50 Ohm
aging at +25°C (first year) max.	±2 ppm
shunt capacitance $C_0$ max.	3.5 pF
drive level max.	100 µW
contents of reel	1000 pcs.

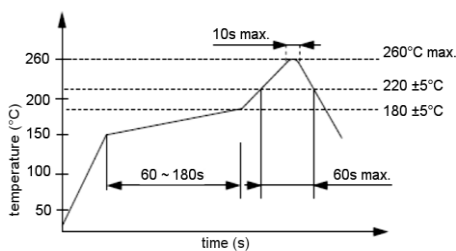
### Dimensions:



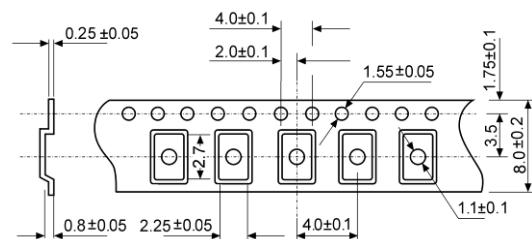
### Suggested soldering pad:



### Reflow soldering condition:



### Tape specification:



reel diameter 178 mm