

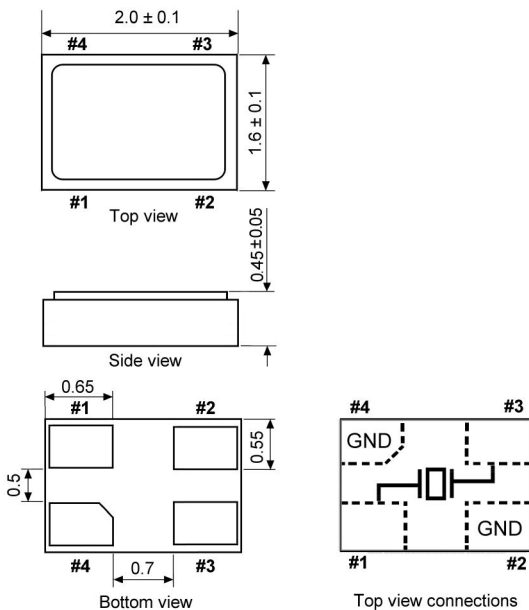


Quartz Crystal

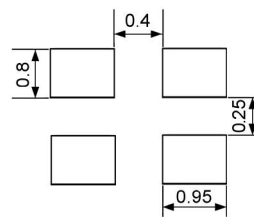
SMD-version

part no.	12.xxxxx
model	KX – 5
frequency range	16.0 ~ 80.0 MHz
mode	fundamental
operating temperature	standard -20° ~ +70°C available -40° ~ +85°C (=KX-5T); -40° ~ +105°C (=KX-5E); -40° ~ +125°C (=KX-5F)
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 ±30 ppm; available ±10 ~ ±100 ppm standard ±30 ppm; available ±30 ~ ±120 ppm standard ±30 ppm; available ±30 ~ ±120 ppm
load capacitance C _L	standard 8 pF; available 8 ~ 16 pF or specify
series resistance R ₁ (ESR) max.	16.0 ~ 20.99 MHz 200 Ohm 21.0 ~ 24.99 MHz 100 Ohm 25.0 ~ 40.99 MHz 80 Ohm 41.0 ~ 60.0 MHz 60 Ohm 61.0 ~ 80.0 MHz 50 Ohm
aging at +25°C (first year) max.	±2 ppm
shunt capacitance C ₀ max.	3.0 pF
drive level max.	100 μW
contents of reel	1000 pcs.

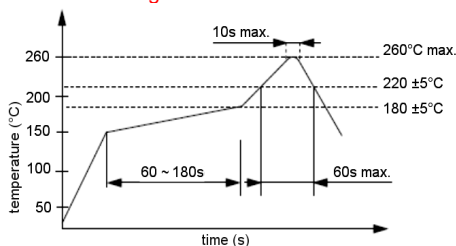
Dimensions:



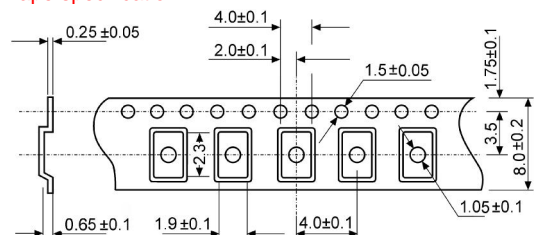
Suggested soldering pad:



Reflow soldering condition:



Tape specification:



reel diameter 178 mm