

RoHS 2015/863/EU ✓ REACH compliant ✓ Conflict minerals free ✓

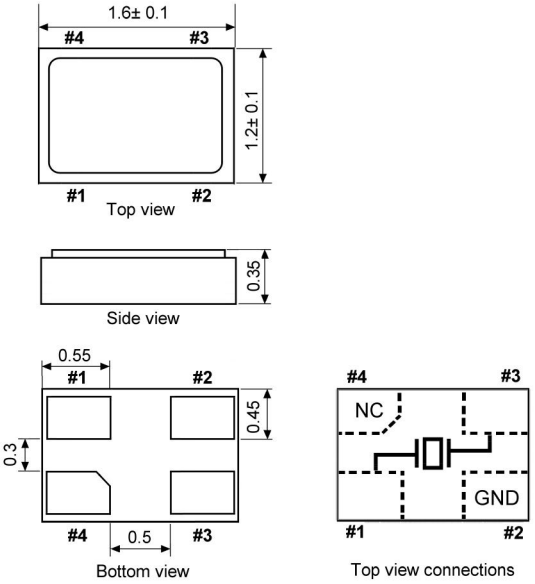
GEYER quartz technology

Quartz Crystal

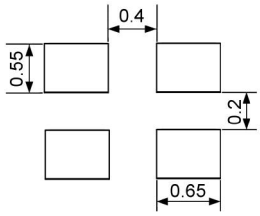
SMD-version

part no.	12.84844
model	KX – 4
frequency	48.0 MHz
mode	fundamental
operating temperature	-20° ~ +70°C
frequency tolerance at +25°C	±15 ppm
temperature tolerance at -20° ~ +70°C	±15 ppm
load capacitance C_L	8 pF
series resistance R1 (ESR) max.	50 Ohm
aging at +25°C (first year) max.	±2 ppm
shunt capacitance C_0 max.	5.0 pF
drive level max.	50 µW
contents of reel	1000 pcs.

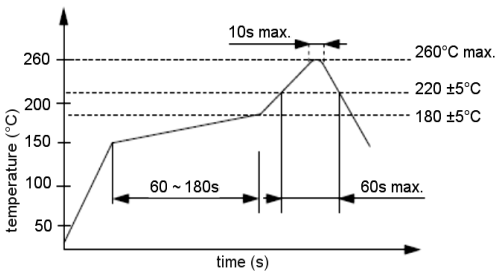
Dimensions (mm):



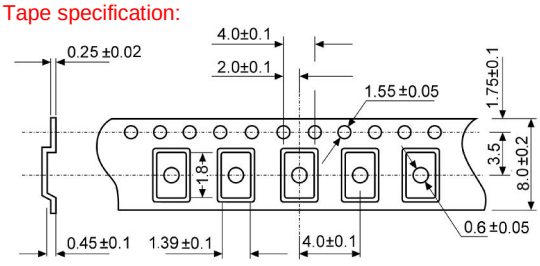
Suggested soldering pad:



Reflow soldering condition:



Tape specification:



reel diameter 178 mm

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12.84812 12.86526 12.95542 12.87148 12.95548 12.60113 12.60370 12.86512 12.88603 12.85526
12.86533 12.87106 12.94474 12.86564 12.87150 12.87165 12.89126 12.89190 12.95102 12.87174
12.89020 12.90325 12.95543 12.89495 12.89997 12.90307 12.90329 12.60146 12.85562 12.88664