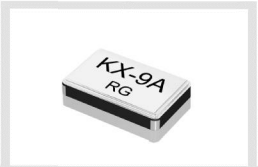



RoHS 2015/863/EU REACH compliant Conflict minerals free

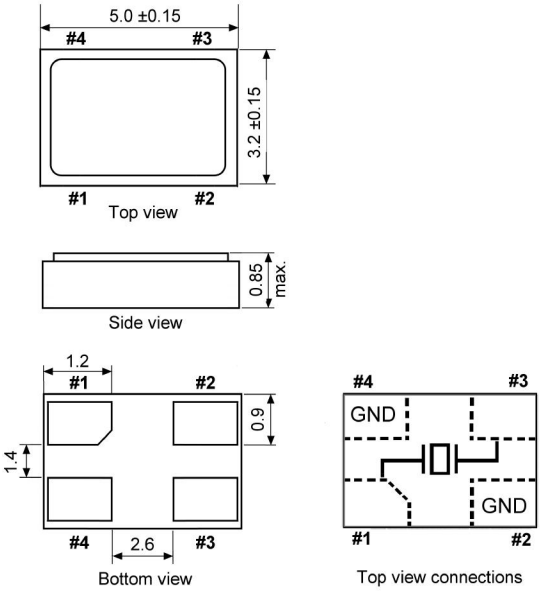
GEYER quartz technology

# Quartz Crystal

SMD-version

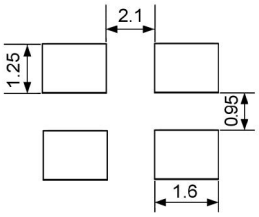
| | |
|---|---|
| part no. | 12.89166 |
| model | KX – 9AT |
| frequency | 25.0 MHz |
| mode | fundamental |
| operating temperature | -40° ~ +85°C |
| frequency tolerance at +25°C | ±20 ppm |
| temperature tolerance -40° ~ +85°C | ±50 ppm |
| load capacitance $C_L$ | 20 pF |
| series resistance R1 (ESR) max. | 40 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:

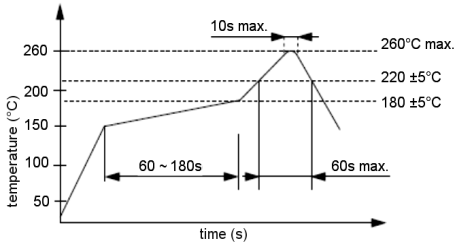



**(#2 & #4: connected to metal lid)**

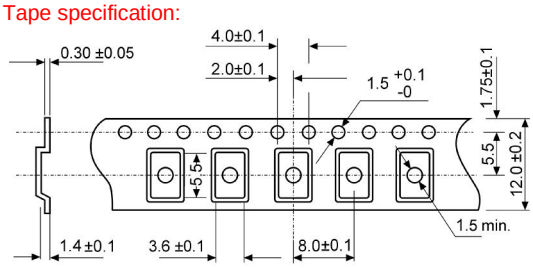
Suggested soldering pad:




Reflow soldering condition:




Tape specification:




reel diameter 178 mm

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