

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

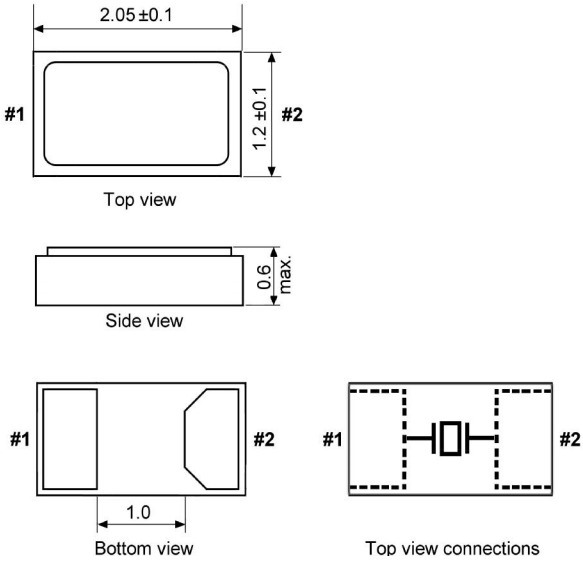
GEYER quartz technology

Tuning Fork Crystal

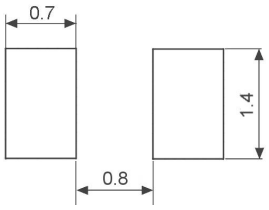
SMD-version

part no.	12.87160
model	KX–327RT
frequency	32.768 kHz
operating temperature	-40° ~ +85°C
frequency tolerance (df/F) at +25°C ±3°C	±20 ppm
temperature tolerance (parabolic coefficient)	-0.030 ppm ±10 % / °C^2 typ.
storage temperature range	-55°C ~ +125°C
turnover temperature	+25°C ±5°C
load capacitance C_L	12.5 pF
motional capacitance(C_1)	6 fF typ.
series resistance R1 (ESR)	60 kOhm typ., 70 kOhm max.
aging (df/F) (first year) at 25°C ±3°C	±3 ppm
shunt capacitance C_0 typ.	1.3 pF
drive level typ.	0.1 µW
contents of reel	3000 pcs.

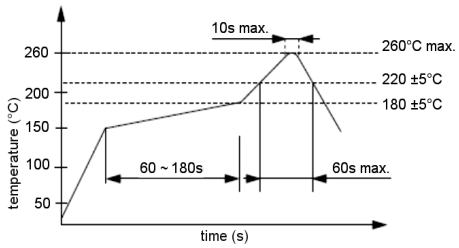
Dimensions (mm):



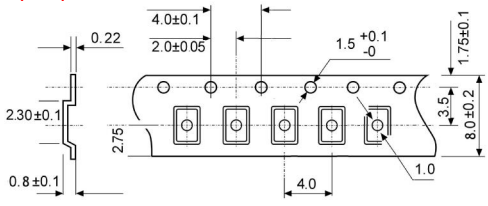
Suggested soldering pad:



Reflow soldering condition:



Tape specification:



reel diameter 180 mm

GEYER Electronic GmbH Behringstraße 6 D-82152 Planegg / München
Tel. +49 89 546868-0 quartz@geyer-electronic.de www.geyer-electronic.de

Version 15.01.2026