

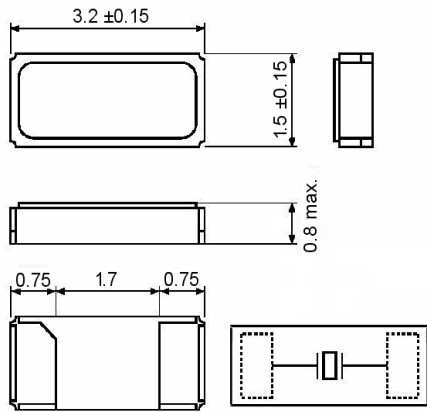


# Tuning Fork Crystal

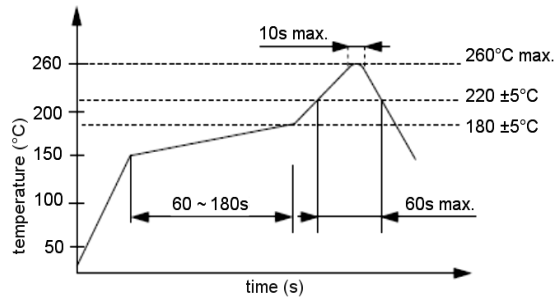
SMD-version

model	KX-327NHT
frequency	32.768 kHz
operating temperature	-40° ~ +85°C
frequency tolerance at +25°C	± 30 ppm
temperature tolerance (parabolic coefficient) at -40° ~ +85°C	-0.035 ppm/°C <sup>2</sup> typ.
turnover temperature	+25°C ± 5°C
storage temperature range	-55°C ~ +125°C
load capacitance C <sub>L</sub>	9 pF
motional capacitance (C1)	0.0036 pF, typ.
series resonance R1 max.	80k Ohm
aging at +25°C (first year) max.	± 3 ppm
shunt capacitance C <sub>0</sub>	1.3 pF (1.0 pF typ.)
drive level	0.1 μW typ. (1.0 μW max.)
quality factor (Q)	20000 min.
reflow soldering condition	10 seconds at +260°C max. (2 times max.)
contents of reel	3000 pcs.
part no.	12.87151

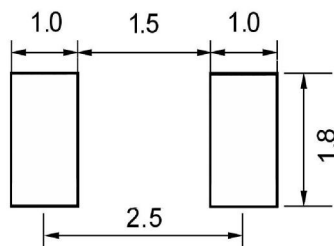
**Dimensions (mm):**



**Reflow soldering condition:**



**Suggested soldering pad:**



**Tape specification:**

