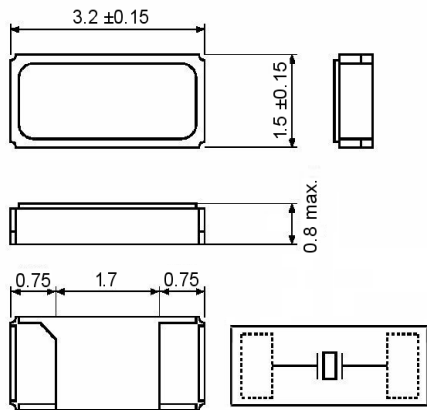


# Tuning Fork Crystal

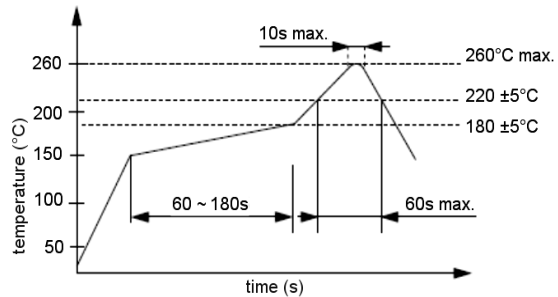
SMD-version

model	KX-327NHF
frequency	32.7680 kHz
operating temperature	-40° ~ +125°C
frequency tolerance at +25°C	± 20 ppm
temperature tolerance (parabolic coefficient) at -40° ~ +125°C	-0.03 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.	70k 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.)
AECQ 200	yes
contents of reel	3000 pcs.
part no.	12.87180

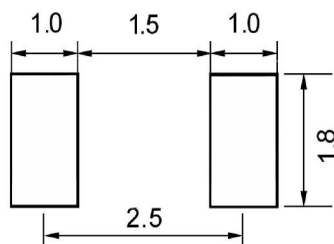
**Dimensions (mm):**



**Reflow soldering condition:**



**Suggested soldering pad:**



**Tape specification:**

