



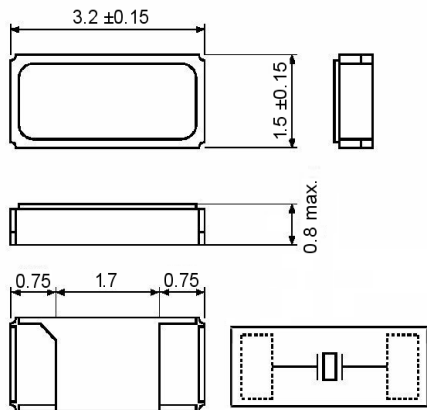
**Quartz Crystal**

**32,768 kHz**

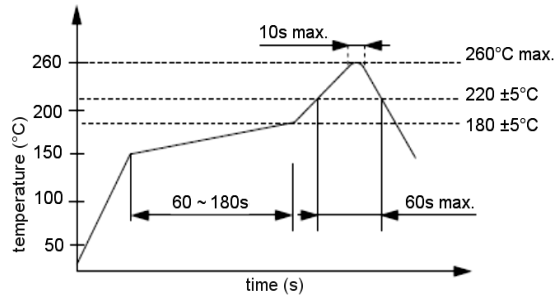
**SMD-version**

model	KX-327NHT
frequency	32,768 kHz
operating temperature	-40° ~ +85°C
frequency tolerance at +25°C	standard ± 20 ppm available ± 10 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>	standard 12,5 pF available 7 pf, 9 pF
motional capacitance (C1)	0,0036 pF, typ.
series resonance R <sub>1</sub> max.	standard 80k Ohm available 50k Ohm
aging at +25°C (first year) max.	± 3 ppm max.
shunt capacitance C <sub>0</sub>	1,3 pF (1,0 pF typ.)
drive level in µW max.	1,0 µW max., 0,1µW typ
quality factor (Q)	20000 min.
RoHS	according to RoHS 2011/65/EU
contents of reel	3000 pcs.
part no.	12.87140 ~ 12.87159

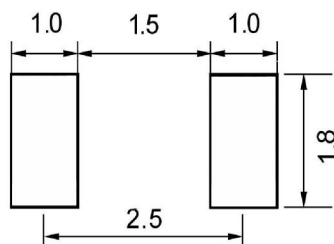
**Dimensions (mm):**



**Reflow soldering condition:**



**Suggested soldering pad:**



**Tape specification:**

