

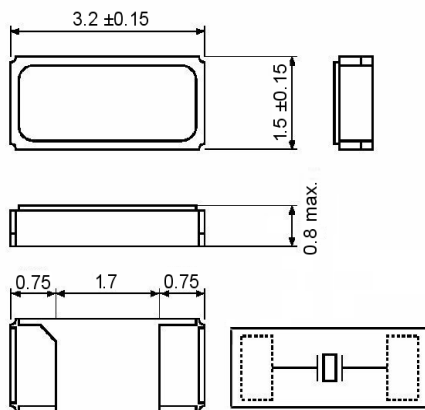


## Quartz Crystal

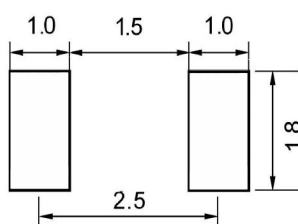
SMD-version

part no.	12.xxxxx
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)	-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 R1	standard 70k Ohm max. available 50k Ohm max. available 20k Ohm typ., 40k Ohm max.
aging at +25°C (first year) max.	± 3 ppm
shunt capacitance C <sub>0</sub>	1,3 pF (1,0 pF typ.)
drive level max.	1,0 μW max., 0,1μW typ
quality factor (Q) min.	20000
contents of reel	3000 pcs.

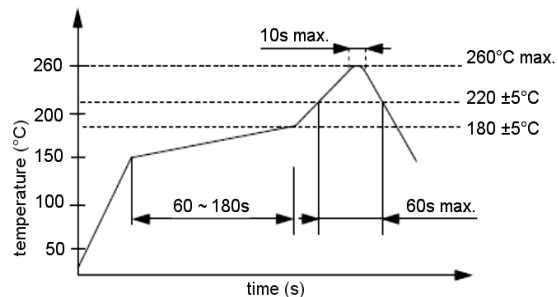
### Dimensions (mm):



### Suggested soldering pad:



### Reflow soldering condition:



### Tape specification:

