

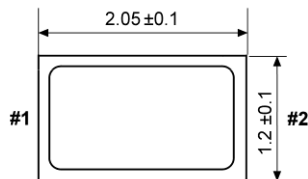


Tuning Fork Crystal

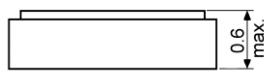
SMD-version

part no.	12.xxxxx
model	KX-327RF
frequency	32.768 kHz
operating temperature	-55° ~ +125°C
frequency tolerance (df/F) at +25°C ±3°C	standard ±20 ppm available ±10 ppm
temperature tolerance (parabolic coefficient)	-0.028 ppm ±20 % / °C ² typ
turnover temperature	+25°C ±5°C
storage temperature range	-55°C ~ +125°C
load capacitance C _L	6 pF ~ 12.5 pF
motional capacitance (C ₁) typ.	6 fF
shunt capacitance C ₀	1.3 pF typ.
series resistance R1 (ESR)	80 kOhm typ., 90 kOhm max.
aging (df/F) (first year) at 25°C ±3°C max.	±3 ppm
drive level typ.	0.1 µW
AEC-Q200	qualified
contents of reel	3000 pcs.

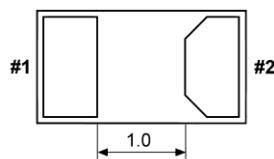
Dimensions (mm):



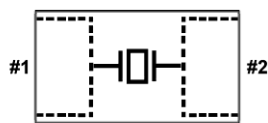
Top view



Side view

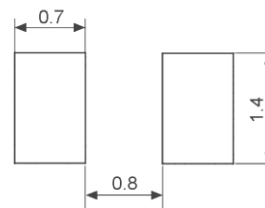


Bottom view

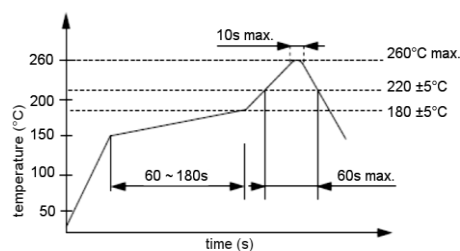


Top view connections

Suggested soldering pad:



Reflow soldering condition:



Tape specification:

