

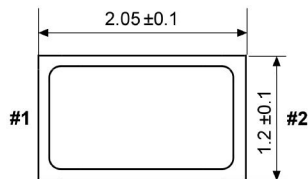


Tuning Fork Crystal

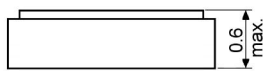
SMD-version

part no.	12.87166
model	KX-327RF
frequency	32.768 kHz
operating temperature	-40° ~ +125°C
frequency tolerance (df/F) at +25°C ±3°C	±20 ppm
temperature tolerance max. (parabolic coefficient)	-0.04 ppm / °C ²
turnover temperature	+25°C ±5°C
storage temperature range	-55°C ~ +125°C
load capacitance C _L	12.5 pF
motional capacitance(C ₁) typ.	0.005 pF
series resistance R1 (ESR) max.	80 kOhm typ., 120 kOhm max.
aging (df/F) (first year) at 25°C ±3°C max.	±3 ppm
shunt capacitance C ₀ typ.	1.3 pF typ.
drive level max.	1.0 μW
AEC-Q200	qualified
contents of reel	3000 pcs.

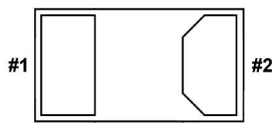
Dimensions (mm):



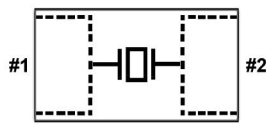
Top view



Side view

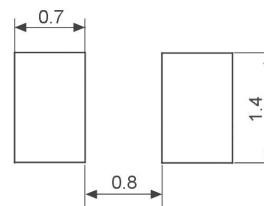


Bottom view

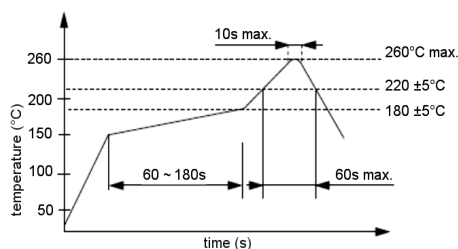


Top view connections

Suggested soldering pad:



Reflow soldering condition:



Tape specification:

