

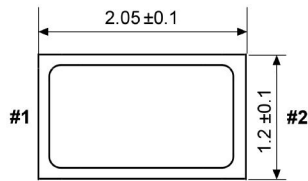


Tuning Fork Crystal

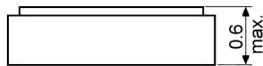
SMD-version

part no.	12.87167
model	KX-327RT
frequency	32.768 kHz
operating temperature	-40° ~ +85°C
frequency tolerance (df/F) at +25°C ±3°C	±10 ppm
temperature tolerance (parabolic coefficient)	-0.030 ppm ±10 % / °C ² typ.
turnover temperature	+25°C ±5°C
storage temperature range	-55°C ~ +125°C
load capacitance C _L	12.5 pF
motional capacitance(C ₁)	6 fF typ.
series resistance R1 (ESR)	60 kOhm typ., 70 kOhm max.
aging (df/F) (first year) at 25°C ±3°C max.	±3 ppm
shunt capacitance C ₀ typ.	1.3 pF
drive level max.	1.0 μW
contents of reel	3000 pcs.

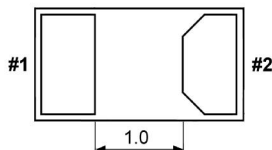
Dimensions (mm):



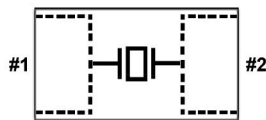
Top view



Side view

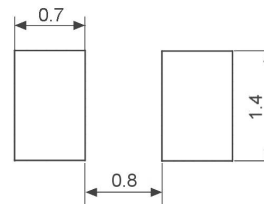


Bottom view

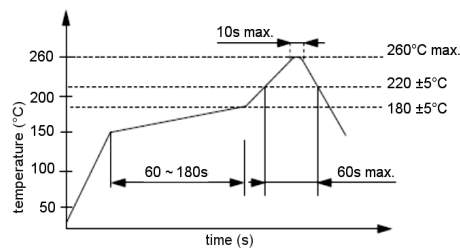


Top view connections

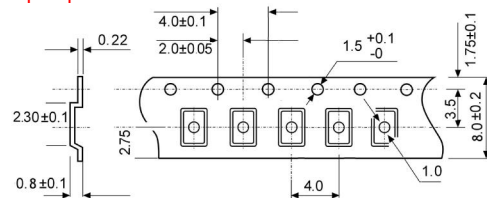
Suggested soldering pad:



Reflow soldering condition:



Tape specification:



reel diameter 180 mm