

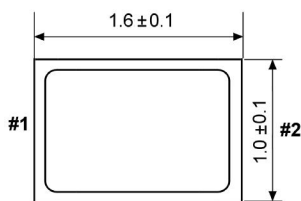


Tuning Fork Crystal

SMD-version

part no.	12.87170
model	KX-327FT
frequency	32.768 kHz
operating temperature	-40° ~ +85°C
frequency tolerance (df/F) at +25°C ±3°C	±20 ppm
temperature tolerance (parabolic coefficient)	-0.036 ppm ±0.01 /°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) typ.	7.0 pF
series resistance R1 (ESR)	60 kOhm typ., 90 kOhm max.
aging at +25°C (first year) max.	±3 ppm
drive level typ.	0.5 μW
contents of reel	5000 pcs.

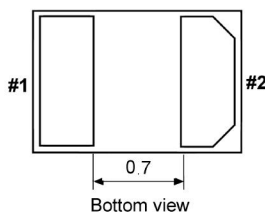
Dimensions (mm):



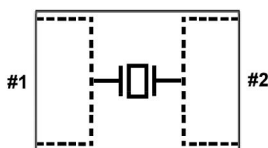
Top view



Side view

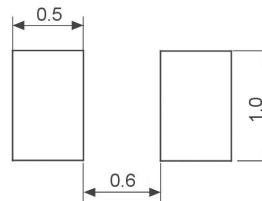


Bottom view

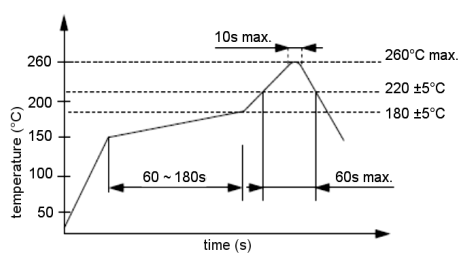


Top view connections

Suggested soldering pad:



Reflow soldering condition:



Tape specification:

