

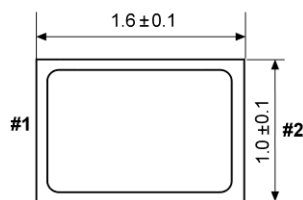


Quartz Crystal

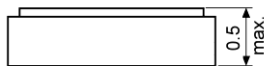
SMD-version

part no.	12.xxxxx
model	KX-327FT
frequency	32.768 kHz
operating temperature range	-40° ~ +85°C
frequency tolerance (df/F) at +25°C ±3°C	standard ±20 ppm available ±10 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	4 pF ~ 12.5 pF
motional capacitance(C_1) typ	7.0 fF
shunt capacitance C_0 typ.	1.2 pF
series resistance R1 (ESR)	60k Ohm typ., 90k Ohm max.
aging at +25°C (first year) max.	±3 ppm
drive level max.	0.5 µW
contents of reel	3000 pcs.

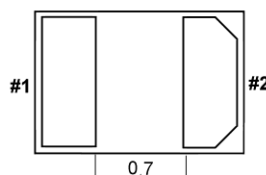
Dimensions (mm):



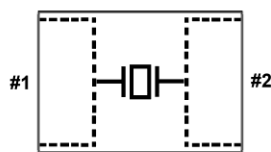
Top view



Side view

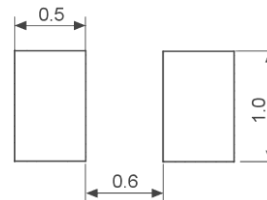


Bottom view

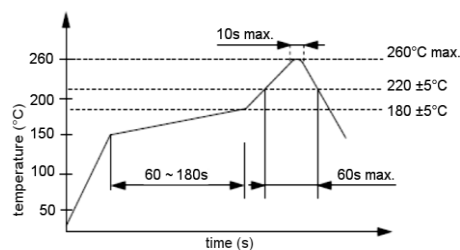


Top view connections

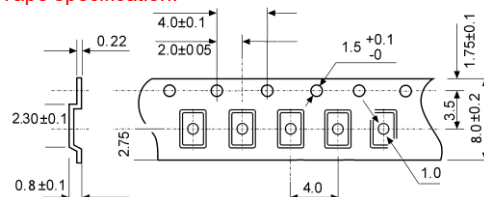
Suggested soldering pad:



Reflow soldering condition:



Tape specification:



reel diameter 180 mm