



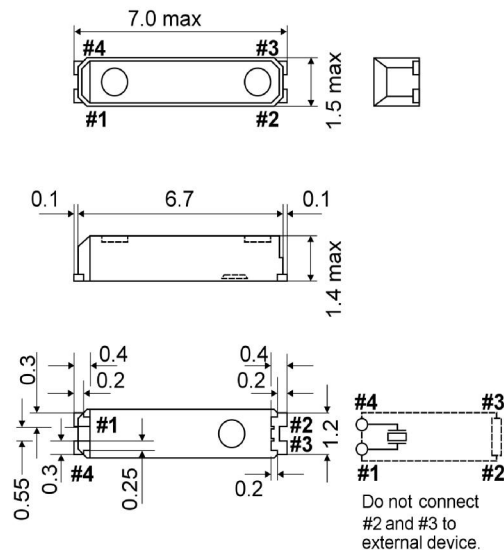
Quartz Crystal

32,768 kHz

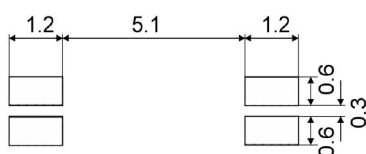
SMD-version

model	KX – 327L
frequency	32,768 kHz
operating temperature	standard -20° ~ +70°C available -40° ~ +85°C (= KX-327LT)
frequency tolerance at +25°C	standard ± 20 ppm available ± 10 ppm
temperature tolerance (parabolic coefficient) at -20° ~ +70°C -40° ~ +85°C	-0,035 ppm/°C ² typ., -0,040 ppm/°C ² max.
turnover temperature	+25°C ± 5°C
storage temperature range	-55°C ~ +125°C
load capacitance C _L	standard 12,5 pF available 7 pF, 9 pF
series resonance R ₁ max.	65k Ohm max., 50k Ohm typ.
aging at +25°C (first year) max.	± 3 ppm
shunt capacitance C ₀ typical	0,8 pF
drive level in mW max.	0,001 mW
RoHS	according to RoHS 2011/65/EU
contents of reel	3000 pcs.
part no.	12.87110 ~ 12.87149

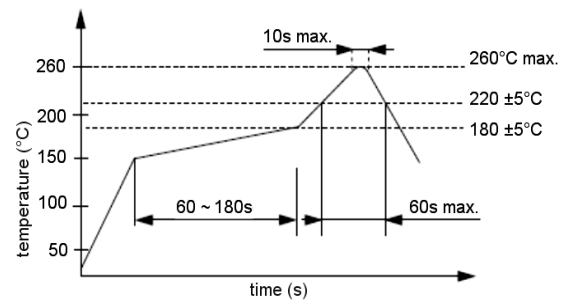
Dimensions (mm):



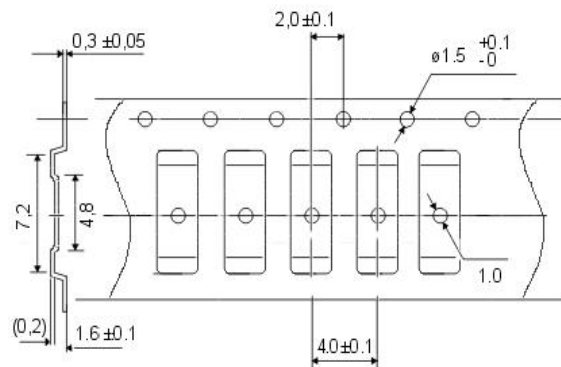
Suggested soldering pad:



Reflow soldering condition:



Tape specification:



reel diameter 180 mm