RoHS 2011/65/EU REACH compliant Conflict minerals free

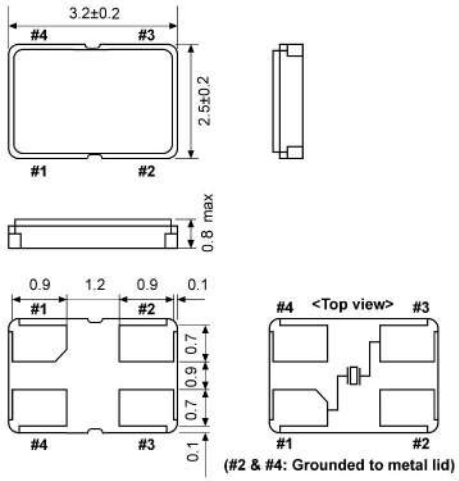
GEYER quartz technology

Quartz Crystal

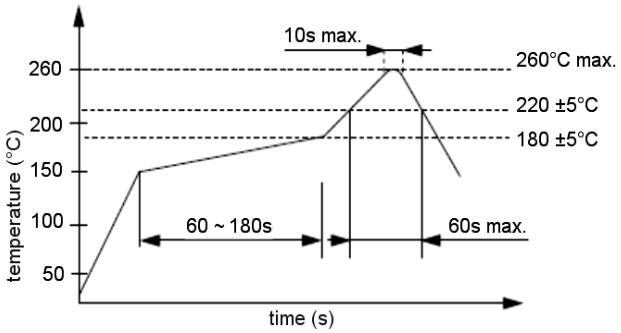
SMD-version

model	KX – 7
frequency range	8,0 ~ 60,0 MHz
mode	fundamental
operating temperature	standard -20° ~ + 70°C available -40° ~ + 85°C (=KX-7T) available -40° ~ +105°C (=KX-7E)
frequency tolerance at +25°C	standard ± 30 ppm available ± 10 ~ ± 50 ppm
temperature tolerance -20° ~ + 70°C -40° ~ + 85°C -40° ~ +105°C	 standard ± 50 ppm, available ±10 ~ ±50 ppm standard ±100 ppm, available ±20 ~ ± 100 ppm standard ±120 ppm, available ±30 ~ ± 120 ppm
load capacitance C_L	standard 12 pF available 7 ~ 20 pF
series resonance R_1 max.	8,0 500 Ohm 9,83040 ~ 9,999 MHz 200 Ohm 10,0 ~ 11,05910 MHz 180 Ohm 11,05920 ~ 11,9 MHz 130 Ohm 12,0 ~ 30,0 MHz 100 Ohm 30,1 ~ 60,0 MHz 50 Ohm
aging at +25°C (first year) max.	± 2 ppm
shunt capacitance C_0 max.	5,0 pF
drive level in µW max.	100
AECQ 200	available
contents of reel	1000 pcs.
part no.	12.xxxxx

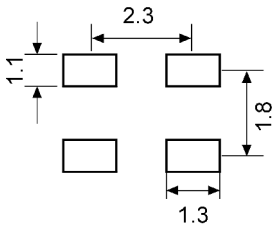
Dimensions (mm):



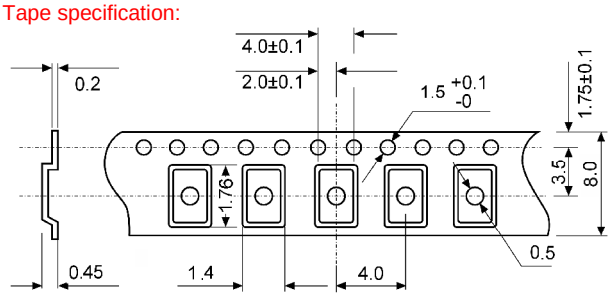
Reflow soldering condition:



Suggested soldering pad:



Tape specification:



reel diameter 178 mm

GEYER ELECTRONIC e.K. Lochhamer Schlag 5 82166 Gräfelfing/München
Tel. +49 89 546868-0 quartz@geyer-electronic.de www.geyer-electronic.de