RoHS 2011/65/EU ✓ REACH compliant ✓ Conflict minerals free ✓

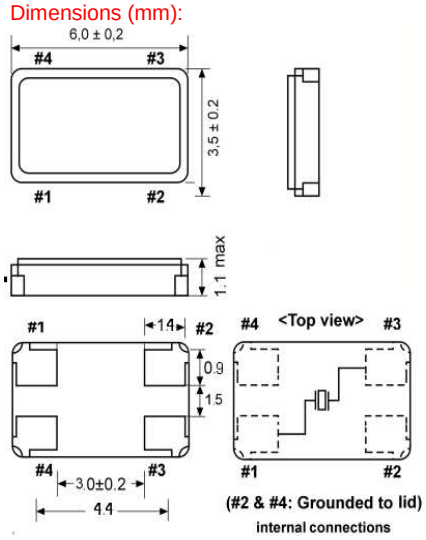
GEYER quartz technology

Quartz Crystal

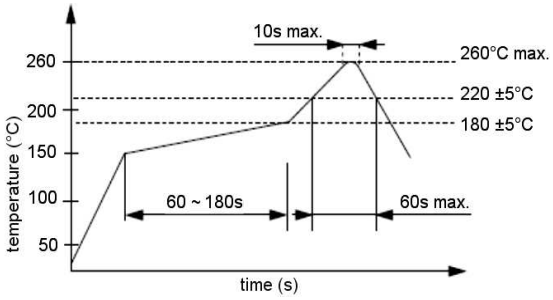
SMD-version

model	KX – 12A
frequency range	8,0 ~ 150,0 MHz
mode	fundamental, 3rd overtone
operating temperature	standard -20° ~ + 70°C available -40° ~ + 85°C (=KX-12AT) available -40° ~ +105°C (=KX-12AE)
frequency tolerance at +25°C	standard ± 50 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 ±10 ~ ± 100 ppm standard ±120 ppm, available ±30 ~ ± 120 ppm
load capacitance C_L	standard 16 pF available 10 ~ 20 pF
series resonance R1 max.	fundamental 8,0 ~ 11,99 MHz 80 Ohm 12,0 ~ 80,0 MHz 50 Ohm 3rd overtone 40,0 ~ 150,0 MHz 100 Ohm
aging at +25°C (first year) max.	± 2 ppm
shunt capacitance C_0 max.	5,0 pF
drive level max.	0,1 mW
contents of reel	1000 pcs.
part no.	12.xxxxx

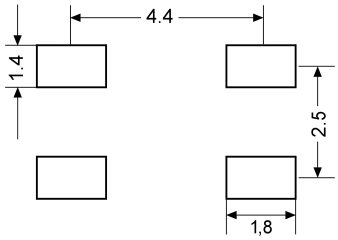
Dimensions (mm):



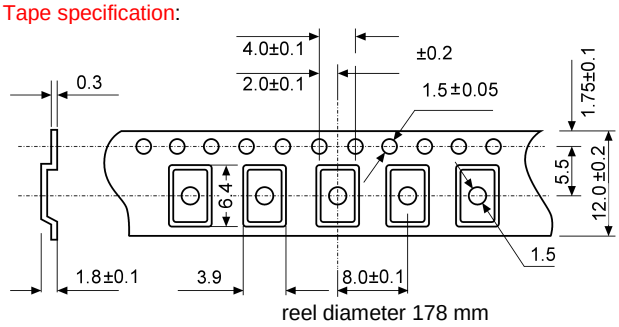
Reflow soldering condition:



Suggested soldering pad:



Tape specification:



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