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

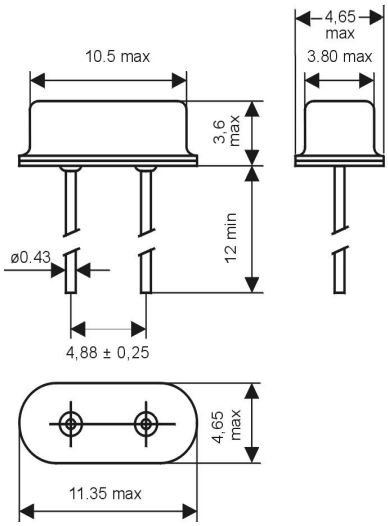
GEYER quartz technology

Quartz Crystal

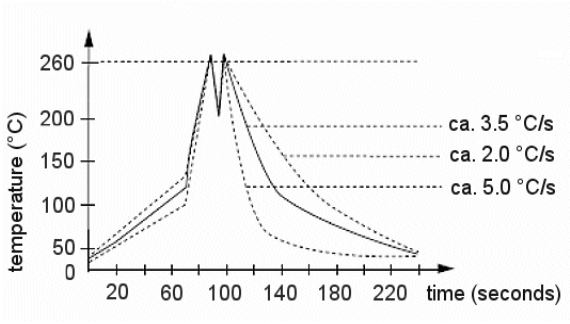
HC-49/U3H (low profile)

model	KX - 3H
frequency range	3,20 ~ 70,0 MHz
holder type	HC-49/U3H
mode	fundamental, 3rd overtone
operating temperature	standard -20° ~ + 70°C available -40° ~ + 85°C (= KX-3HT) available -40° ~ +105°C (= KX-3HE)
frequency tolerance at +25°C	standard ± 30 ppm available ±10 ~ ± 30 ppm
temperature tolerance at -20° ~ + 70°C at -40° ~ + 85°C at -40° ~ +105°C	 standard ± 50 ppm , available ± 15 ~ ± 50 ppm standard ± 100 ppm , available ± 25 ~ ± 100 ppm standard ± 120 ppm , available ± 35 ~ ± 120 ppm
load capacitance C_L	standard: 16 pF, avail. 12 ~ 30 pF
series resonance R1 max.	fundamental 3,5 ~ 3,99 MHz 150 Ohm 4,0 ~ 5,99 MHz 120 Ohm 6,0 ~ 7,99 MHz 80 Ohm 8,0 ~ 9,99 MHz 60 Ohm 10,0 ~ 40,0 MHz 50 Ohm 3rd overtone 35,0 ~ 39,99 MHz 100 Ohm 40,0 ~ 49,99 MHz 80 Ohm 50,0 ~ 70,0 MHz 50 Ohm
aging at +25°C (first year) max.	± 2 ppm
shunt capacitance C_0 max.	7 pF
drive level max.	0,1 mW
part no.	12.xxxxx

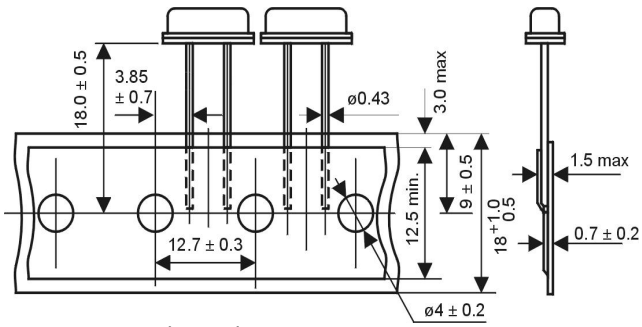
Dimensions (mm):



Wave soldering condition:



Tape specification:



Taped crystals upon request

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