

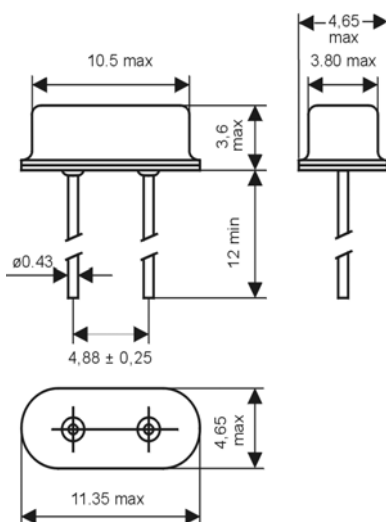


## Quartz Crystal

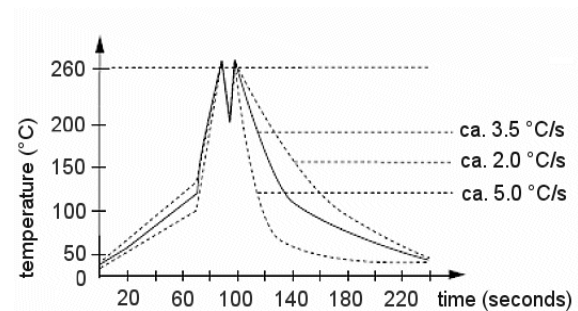
HC-49/U3H (low profile)

model	KX - 3H
frequency range	3,20 ~ 70,0 MHz
holder type	HC-49/U3H
mode	fundamental, 3 <sup>rd</sup> 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 <sub>L</sub>	standard: 16 pF, avail. 12 ~ 30 pF
series resonance R <sub>1</sub> 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 3 <sup>rd</sup> overtone 35,0 ~ 39,99 MHz 100 Ohm 40,0 ~ 49,99 MHz 80 Ohm 50,0 ~ 70,0 MHz 50 Ohm
aging (first year)	± 5 ppm
shunt capacitance C <sub>0</sub> max.	7 pF
drive level mW	0,1
RoHS	according to RoHS 2011/65/EU
part no.	12.84100 ~ 12.84999

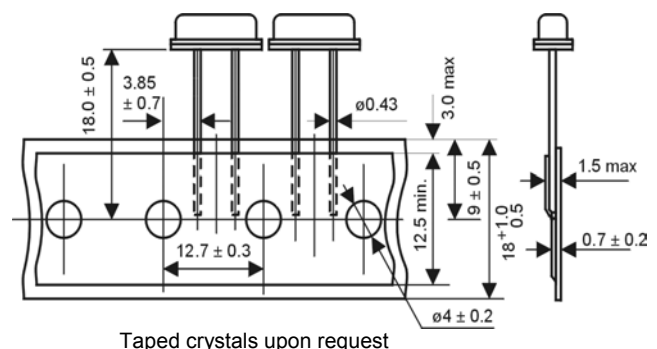
### Dimensions (mm):



### Wave soldering condition:



### Tape specification:



Taped crystals upon request