

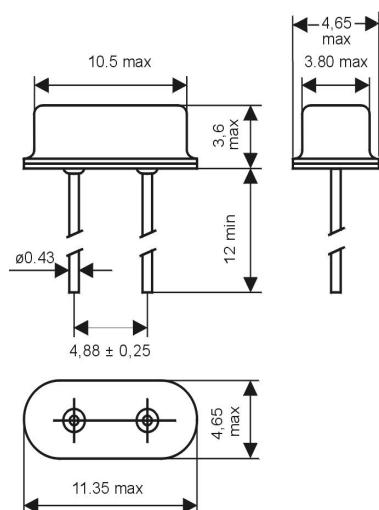


Quartz Crystal

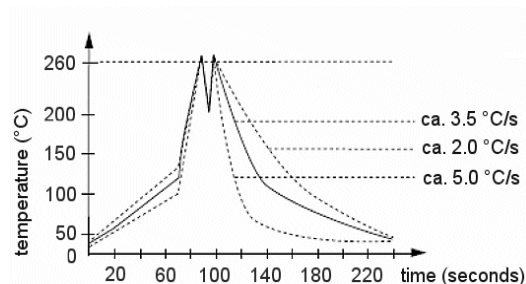
HC-49/U3H (low profile)

part no.	12.xxxxx		
model	KX - 3H		
frequency range	3.20 ~ 70.0 MHz		
holder type	HC-49/U3H		
mode	fundamental, 3 rd 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	standard ±	50 ppm , available ±15 ~ ± 50 ppm	
at -40° ~ + 85°C	standard ±100 ppm ,	available ±25 ~ ±100 ppm	
at -40° ~ +105°C	standard ±120 ppm ,	available ±35 ~ ±120 ppm	
load capacitance C _L	standard: 16 pF, avail. 12 ~ 30 pF		
series resistance 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
	3 rd 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		
contents of standard package	200 pcs.per bag / 2000 pcs. per box (10 bags)		

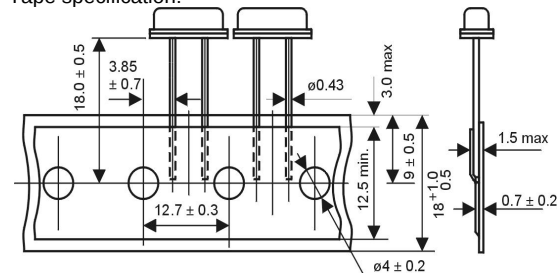
Dimensions (mm):



Wave soldering condition:



Tape specification:



Taped crystals upon request