

QUARTZ CRYSTALS

HC-49/U3H (low profile)

model	KX - 3H																		
frequency range	3,20 ~ 70 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 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 R ₁ max.	<table><tr><td rowspan="4">fundamental</td><td>3,5 ~ 3,99 MHz</td><td>150 Ohm</td></tr><tr><td>4,0 ~ 5,99 MHz</td><td>120 Ohm</td></tr><tr><td>6,0 ~ 7,99 MHz</td><td>80 Ohm</td></tr><tr><td>8,0 ~ 9,99 MHz</td><td>60 Ohm</td></tr><tr><td rowspan="4">3rd overtone</td><td>10,0 ~ 40,0 MHz</td><td>50 Ohm</td></tr><tr><td>35,0 ~ 39,99 MHz</td><td>100 Ohm</td></tr><tr><td>40,0 ~ 49,99 MHz</td><td>80 Ohm</td></tr><tr><td>50,0 ~ 70,0 MHz</td><td>50 Ohm</td></tr></table>	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	3 rd overtone	10,0 ~ 40,0 MHz	50 Ohm	35,0 ~ 39,99 MHz	100 Ohm	40,0 ~ 49,99 MHz	80 Ohm	50,0 ~ 70,0 MHz	50 Ohm
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aging (first year)	± 5 ppm																		
shunt capacitance C ₀ max.	7 pF																		
drive level mW	0,1																		
RoHS	started from date code July, 2005																		
part no.	12.84100 ~ 12.84999																		

