

## QUARTZ CRYSTALS

HC-49/U

model	KX-49
frequency range	20 ~ 90 MHz
mode	3 <sup>rd</sup> overtone
operating temperature	standard -20° ~ + 70 °C available -40° ~ + 85 °C (= KX-49T) available -40° ~ +105 °C (= KX-49E)
frequency tolerance at +25 °C	standard: ± 30 ppm available: ± 5 - 50 ppm
temperature tolerance at -20° ~ +70 °C	standard: ± 50 ppm available ± 5 - 50 ppm
load capacitance C <sub>L</sub>	20,0-40,0 MHz: 20-30 pF > 40,0 MHz: series
series resonance R <sub>1</sub> max.	30 - 60 Ohm
aging (first year)	± 5 ppm
shunt capacitance C <sub>0</sub> max.	7 pF
drive level mW max	0,5 - 2
lead-free	started from date code July, 2005
order no.	12.81100 ~ 12.81999

