

## QUARTZ CRYSTALS

**HC-45/U**

model	KX - 45				
frequency range	0,8 ~ 1,3 MHz	5 ~ 30 MHz	30 ~ 90 MHz	60 ~ 150 MHz	110~200 MHz
mode	fundamental		3rd overtone	5th overtone	7th overtone
operating temperature	standard    -20° ~ + 70°C available   -40° ~ + 85°C (= KX-45T) available   -40° ~ + 105°C (= KX-45E)				
frequency tolerance at +25°C	± 100 ppm	± 30 ppm	± 5 ~ 50 ppm		
temperature tolerance at -20° ~ 70°C	± 100 ppm	± 50 ppm	± 5 ~ 50 ppm		
aging ( first year )	± 5 ppm				
shunt capacitance C <sub>0</sub> max.	7 pF				
series resonance R <sub>1</sub> max.	5000 Ohm	50 ~ 100 Ohm	40 ~ 100 Ohm	100 ~ 150 Ohm	130 ~ 150 Ohm
capacity load C <sub>L</sub>	30 pF		series		
drive level in mW	2				
order no.	12.86100 ~ 12.86499				

