



**QUARTZ CRYSTALS**                      **MHz range**                      **SMD-version**

model	KX - K	
frequency range	3,50 - 70,0 MHz	
mode	fundamental, 3 <sup>rd</sup> overtone	
operating temperature	standard -20° ~ + 70°C available -40° ~ + 85°C (=KX-KT)	
frequency tolerance at +25°C	standard ± 30 ppm, available ± 10 ~ ± 50 ppm	
temperature tolerance at -20° ~ +70°C -40° ~ +85°C	standard ± 50 ppm, available ± 15 - ± 50 ppm standard ± 100 ppm, available ± 25 - ± 100 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.	7,0 pF	
drive level in mW	0,1	
height (h) max.	5,0 mm	
RoHS	started from date code May, 2005	
contents of reel	1000 pcs.	
part no.	12.87800 - 12.87899	

