



QUARTZ CRYSTALS

MHz range

SMD-version

model	KX - KS	
frequency range	3,50 - 70,0 MHz	
mode	fundamental, 3 rd overtone	
operating temperature	standard -20° ~ + 70°C available -40° ~ + 85°C (=KX-KST)	
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 _L	standard: 16 pF, avail. 12 - 30 pF	
series resonance R ₁ 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 (first year)	± 5 ppm	
shunt capacitance C ₀ max.	7,0 pF	
drive level in mW	0,1	
RoHS	started from date code May, 2005	
contents of reel	1000 pcs.	
part no.	12.87800 - 12.87899	

