

QUARTZ CRYSTALS

MHz range

SMD-version

model	KX - 20		
frequency range	3,579545 ~ 25,0 MHz		
mode	fundamental, 3 rd overtone		
operating temperature	standard -20° ~ + 70°C available -40° ~ + 85°C (= KX-20T) available -40° ~ +105°C (= KX-20E)		
frequency tolerance at +25°C	± 50 ppm		
temperature tolerance at -20° ~ + 70°C at -40° ~ + 85°C at -40° ~ +105°C	± 50 ppm ± 100 ppm ± 120 ppm		
load capacitance C _L	standard 16 pF available 12 ~ 20 pF		
series resonance R ₁ max.	fundamental	3,5 ~ 3,9 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 ~ 45,0 MHz	50 Ohm
		32,0 ~ 70,0 MHz	100 Ohm
aging (first year)	± 5 ppm		
shunt capacitance C ₀ max.	7,0 pF		
drive level in mW	0,1		
contens of reel	2000 pcs.		
lead-free	since production start		
order no.	12.87500~12.87799		

