

QUARTZ CRYSTALS

Cylindrical type

model	KX-39	
frequency range	3,579545 ~ 40,0 MHz	
holder type	3 x 10 mm	
mode	fundamental	
operating temperature	standard	- 20°C ~ +70°C
	available	- 40°C ~ +85°C (= KX-39T)
frequency tolerance at +25°C	± 30ppm	
temperature tolerance at -20°C ~ +70°C at -40°C ~ +85°C	± 50ppm	
load capacitance C _L	standard: 16 pF available 12 ~ 20 pF	
series resistance 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	30,0 ~ 39,99 MHz 100 Ohm 40,0 ~ 49,99 MHz 80 Ohm 50,0 ~ 70,0 MHz 50 Ohm
aging (first year)	± 3 ppm	
shunt capacitance C ₀ max.	7 pF	
drive level in mW	0,1	
RoHS material	started from date code May, 2005	
solderable	wave soldering max. 10s 260°C following reflow soldering only up to 240°C	
part no.	12.80200 ~ 12.80500	12.80170 ~ 12.80199

