



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

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|---|--|--|
| model | KX - K | |
| frequency range | 3,50 - 70,0 MHz | |
| mode | fundamental, 3 rd 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 _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 | |

