

QUARTZ CRYSTALS MHz range SMD-version

model	KX - MC																								
frequency range	3,50 ~ 60,0 MHz																								
mode	fundamental, 3 rd overtone																								
operating temperature	standard -20° ~ + 70° C available -40° ~ + 85° C (=KX-MCT) available -40° ~ +105° C (=KX-MCE)																								
frequency tolerance at +25° C	± 50 ppm																								
temperature tolerance at -20° ~ + 70° C -40° ~ + 85° C -40° ~ +105° C	± 50 ppm ± 100 ppm ± 120 ppm																								
load capacitance C _L	standard: 16 pF, avail. 12 ~ 20 pF																								
series resonance R ₁ max.	<table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">fundamental</td> <td style="width: 30%;">3,5 ~ 3,99 MHz</td> <td style="width: 30%;">150 Ohm</td> </tr> <tr> <td></td> <td>4,0 ~ 5,99 MHz</td> <td>120 Ohm</td> </tr> <tr> <td></td> <td>6,0 ~ 7,99 MHz</td> <td>80 Ohm</td> </tr> <tr> <td></td> <td>8,0 ~ 9,99 MHz</td> <td>60 Ohm</td> </tr> <tr> <td></td> <td>10,0 ~ 40,0 MHz</td> <td>50 Ohm</td> </tr> <tr> <td>3rd overtone</td> <td>35,0 ~ 39,99 MHz</td> <td>100 Ohm</td> </tr> <tr> <td></td> <td>40,0 ~ 49,99 MHz</td> <td>80 Ohm</td> </tr> <tr> <td></td> <td>50,0 ~ 70,0 MHz</td> <td>50 Ohm</td> </tr> </table>	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
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aging (first year)	± 5 ppm																								
shunt capacitance C ₀ max.	7,0 pF																								
drive level	0,1 mW																								
lead free	started from date code Sept, 2005																								
contents of reel	1000 pcs.																								
order no.	12.87400 ~ 12.87499																								

