

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																								
capacity load C_L	standard: 16 pF avail: 12 ~ 20 pF																								
series resistance R_1 max.	<table border="0"> <tr> <td>fundamental</td> <td>3,5 ~ 3,99 MHz</td> <td>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>30,0 ~ 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	30,0 ~ 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)	± 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																								

