

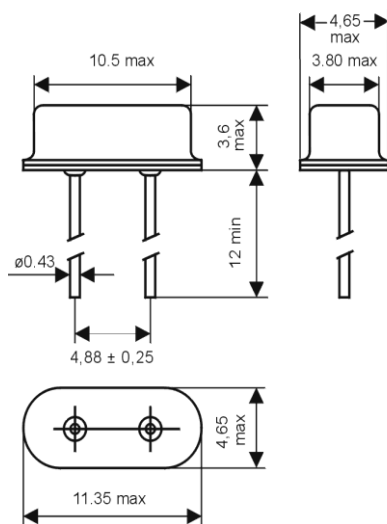


Quartz Crystal

HC-49/U3H (low profile)

part no.	12.xxxxx																			
model	KX - 3H																			
frequency range	3.20 ~ 70.0 MHz																			
holder type	HC-49/U3H																			
mode	fundamental, 3 rd overtone																			
operating temperature	standard -20° ~ +70°C available -40° ~ +85°C (= KX-3HT); -40° ~ +105°C (= KX-3HE)																			
frequency tolerance at +25°C	standard ±30 ppm available ±10 ~ ±30 ppm																			
temperature tolerance at -20° ~ +70°C at -40° ~ +85°C at -40° ~ +105°C	standard ±50 ppm; available ±15 ~ ±50 ppm standard ±50 ppm; available ±25 ~ ±100 ppm standard ±120 ppm; available ±50 ~ ±120 ppm																			
load capacitance C _L	standard 16 pF; available 12 ~ 30 pF																			
series resistance R1 (ESR) max.	<table border="0"> <tr> <td rowspan="4">fundamental</td> <td>3.5 ~ 3.99 MHz</td> <td>150 Ohm</td> </tr> <tr> <td>4.0 ~ 5.99 MHz</td> <td>120 Ohm</td> </tr> <tr> <td>6.0 ~ 7.99 MHz</td> <td>80 Ohm</td> </tr> <tr> <td>8.0 ~ 9.99 MHz</td> <td>60 Ohm</td> </tr> <tr> <td rowspan="3">3rd overtone</td> <td>10.0 ~ 40.0 MHz</td> <td>50 Ohm</td> </tr> <tr> <td>35.0 ~ 39.99 MHz</td> <td>100 Ohm</td> </tr> <tr> <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	3 rd overtone	10.0 ~ 40.0 MHz	50 Ohm	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 at +25°C (first year) max.	±2 ppm																			
shunt capacitance C ₀ max.	7 pF																			
drive level max.	0.1 mW																			
contents of standard package	200 pcs.per bag / 2000 pcs. per box (10 bags)																			

Dimensions (mm):



Wave soldering condition:

