

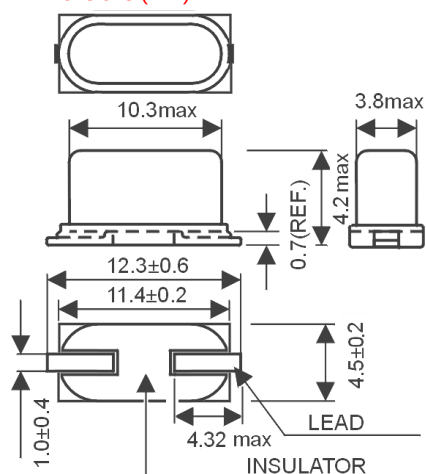


Quartz Crystal

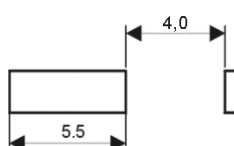
SMD-version

part no.	12.xxxxx		
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 resistance R1 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 at +25°C (first year) max.	±2 ppm		
shunt capacitance C ₀ max.	7.0 pF		
drive level max.	0.1 mW		
contents of reel	1000 pcs.		

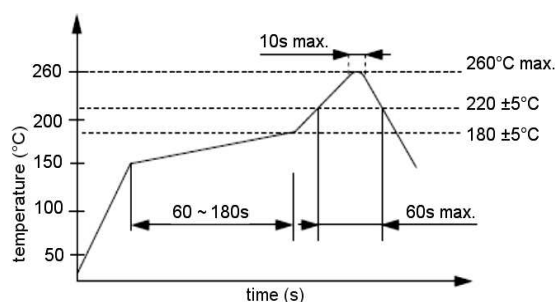
Dimensions (mm):



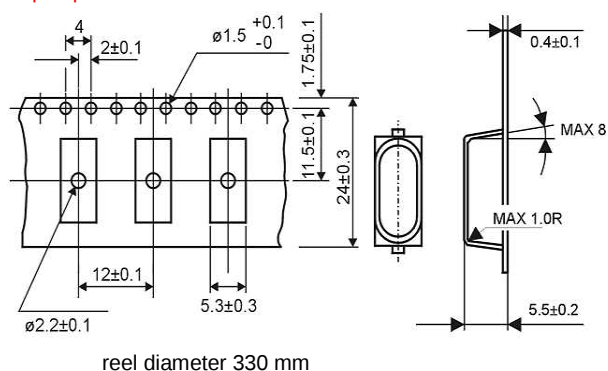
Suggested soldering pad:



Reflow soldering condition:



Tape specification:



reel diameter 330 mm