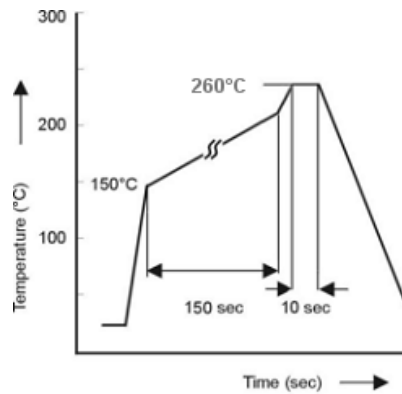
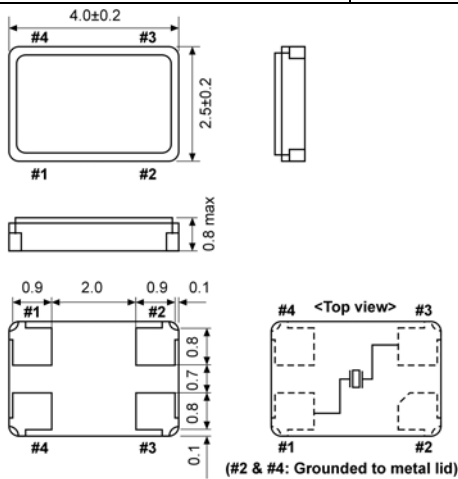


# QUARTZ CRYSTALS

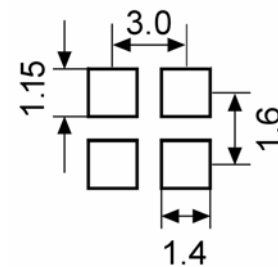
MHz range

SMD-version

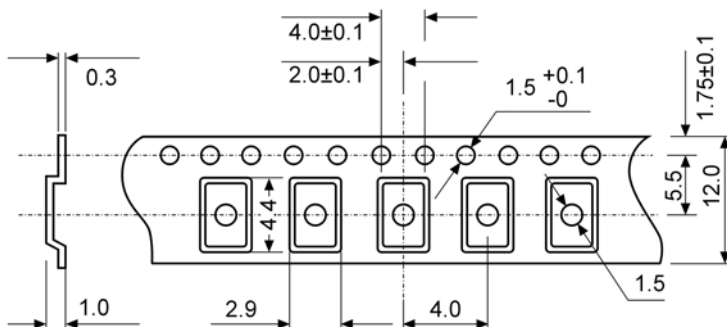
model	KX - 8
frequency range	12,0 - 60,0 MHz
mode	fundamental
operating temperature	standard -20° ~ + 70° C available -40° ~ + 85° C (=KX-8T) available -40° ~ +105° C (=KX-8E)
frequency tolerance at +25° C	standard ± 30 ppm available ± 10 ~ ± 50 ppm
temperature tolerance -20° ~ + 70° C -40° ~ + 85° C -40° ~ +105° C	standard ± 50 ppm, available ±10 ~ ±50 ppm standard ±100 ppm, available ±20 ~ ± 100 ppm standard ±120 ppm, available ±30 ~ ± 120 ppm
load capacitance $C_L$	standard 16 pF available 10 - 20 pF
series resonance $R_1$ max.	12,0 - 29,99 MHz 100 Ohm 30,0 - 60,0 MHz 50 Ohm
aging ( first year )	± 5 ppm
shunt capacitance $C_0$ max.	5,0 pF
drive level in mW max.	0,05
RoHS	since production start
contents of reel	1000 pcs.
part no.	12.88800 ~ 12.88999



soldering condition



suggested soldering pad



(mm) reel diameter 178 mm