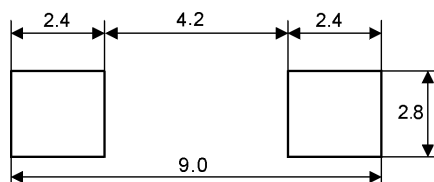
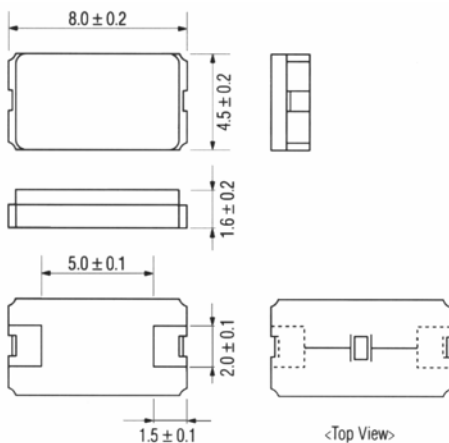


QUARTZ CRYSTALS

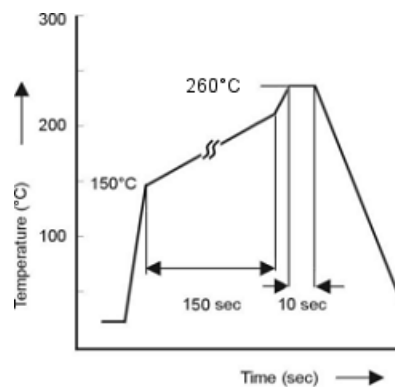
MHz range

SMD-version

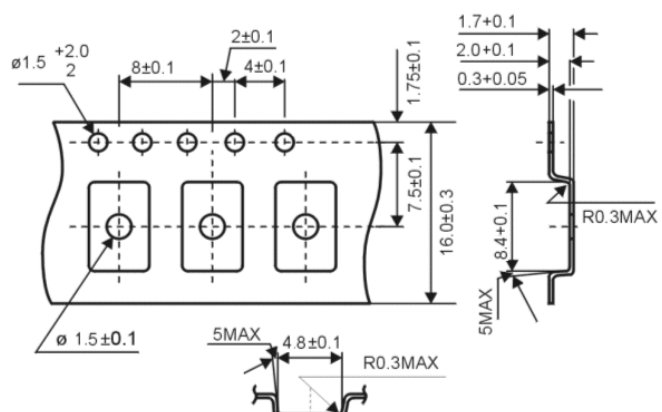
model	KX - 14
frequency range	4,0 ~ 60,0 MHz
mode	fundamental, 3 rd overtone upon request
operating temperature	standard -20° ~ + 70°C available -40° ~ + 85°C (= KX-14T) available -40° ~ +105°C (= KX-14E)
frequency tolerance at +25°C	± 50 ppm
temperature tolerance at -20° ~ + 70°C -40° ~ + 85°C -40° ~ +105°C	standard ± 50 ppm, available ± 10 ~ ± 30 ppm, standard ± 100 ppm, available ± 20 ~ ± 50 ppm standard ± 120 ppm, available ± 50 ~ ± 80 ppm
load capacitance C _L	standard 16 pF available 12 ~ 20 pF
series resonance R ₁ max.	fundamental 4,0 ~ 4,99 MHz 300 Ohm 5,0 ~ 7,99 MHz 250 Ohm 8,0 ~ 9,49 MHz 200 Ohm 9,5 ~ 9,99 MHz 120 Ohm 10,0 ~ 11,99 MHz 100 Ohm 12,0 ~ 12,99 MHz 80 Ohm 13,0 ~ 48,0 MHz 50 Ohm 3 rd overtone 40,0 ~ 60,0 MHz 60 Ohm
aging (first year)	± 5 ppm
shunt capacitance C ₀ max.	5,0 pF
drive level in mW	0,01
RoHS	since production start
contents of reel	1000 pcs.
part no.	12.87900~12.87999



suggested soldering pad



soldering condition



reel diameter 330 mm or 178 mm