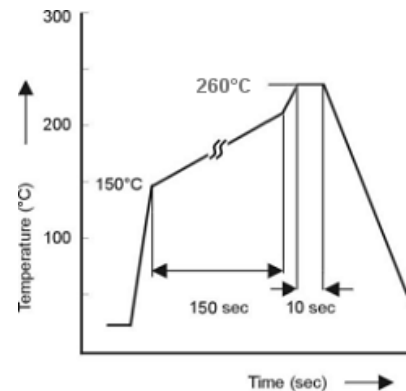
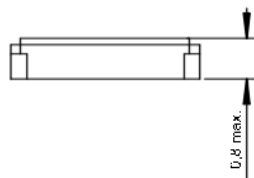
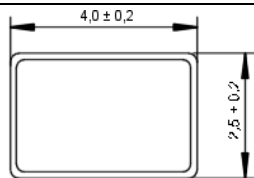


QUARTZ CRYSTAL

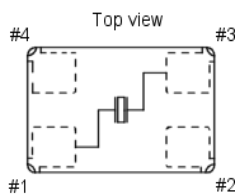
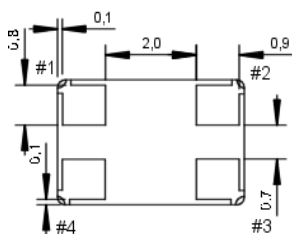
MHz range

SMD-version

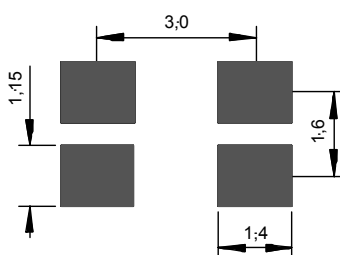
model	KX - 8
frequency range	12,0 ~ 60,0 MHz
mode	fundamental
operating temperature	standard -20° ~ + 70°C available -40° ~ + 85°C (=KX-8T) available -40° ~ +105°C (=KX-8E)
frequency tolerance at +25°C	standard ± 30 ppm available ± 10 ~ ± 50 ppm
temperature tolerance -20° ~ + 70°C -40° ~ + 85°C -40° ~ +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_O 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



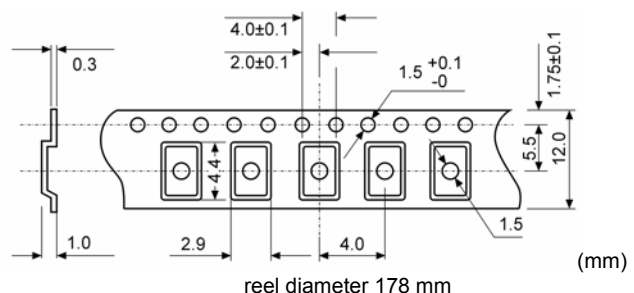
soldering condition



#2 and #4: Grounded to metal lid



suggested soldering pads



reel diameter 178 mm

(mm)