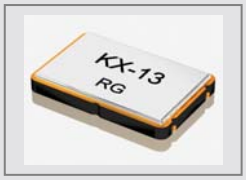


RoHS 2002/95/EC

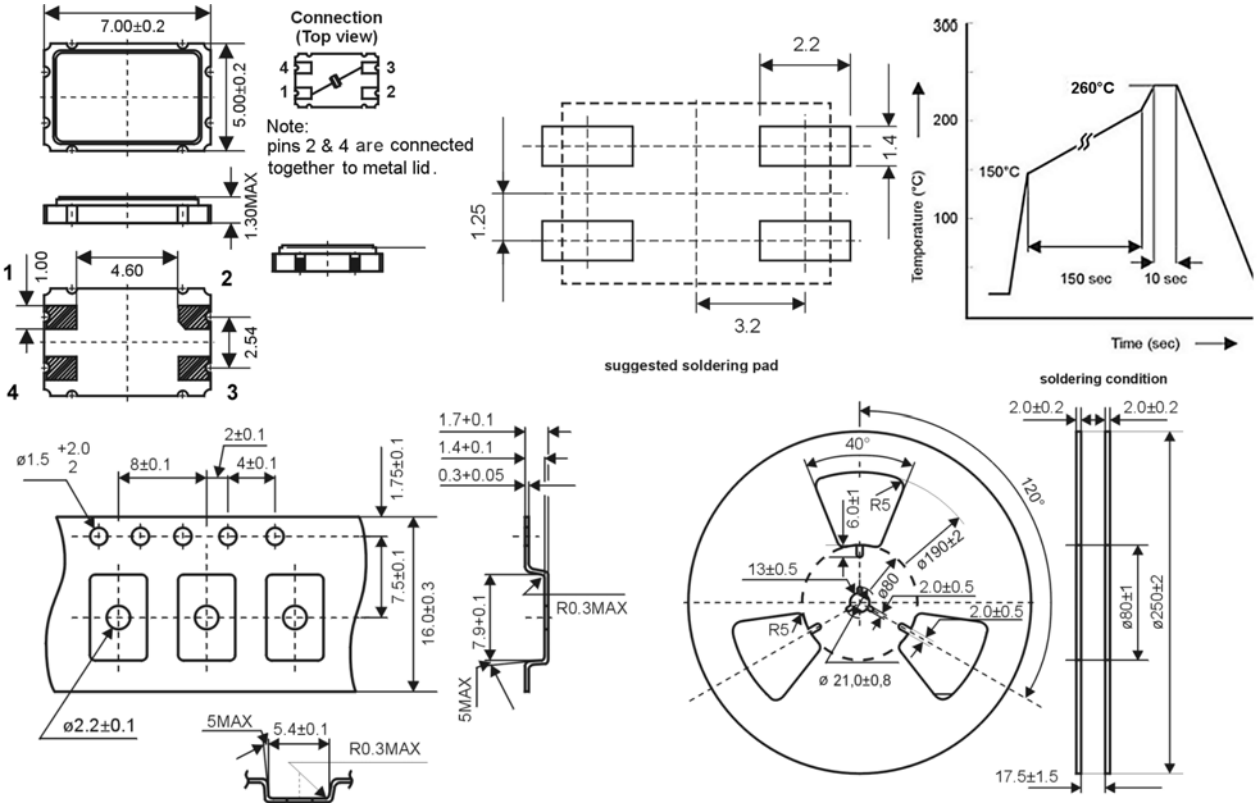
GEYER quartz technology

Quartz Crystal

MHz range

SMD-version

model	KX - 13
frequency range	6,0 ~ 160,0 MHz
mode	fundamental, 3rd overtone, 5th overtone
operating temperature	standard -20° ~ + 70°C available -40° ~ + 85°C (= KX-13T) available -40° ~ + 105°C (= KX-13E)
frequency tolerance at +25°C	standard ± 30 ppm available ± 10 ~ ± 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 ± 30 ~ ± 80 ppm
load capacitance C_L	standard 16 pF available 12 ~ 20 pF
series resonance R_1 max.	fundamental 6,0 ~ 7,00 MHz 120 Ohm 7,1 ~ 10,99 MHz 100 Ohm 11,0 ~ 13,99 MHz 50 Ohm 14,0 ~ 15,99 MHz 40 Ohm 16,0 ~ 40,50 MHz 30 Ohm 3rd overtone 35,0 ~ 39,99 MHz 100 Ohm 40,0 ~ 49,99 MHz 80 Ohm 50,0 ~ 90,00 MHz 50 Ohm 5th overtone 90,0 ~ 260,00 MHz 100 Ohm
aging (first year)	± 2 ppm
shunt capacitance C_0 max.	7,0 pF
drive level in mW	0,05
RoHS	since production start
contents of reel	1000 pcs.
part no.	12.87900~12.87999



GEYER ELECTRONIC e.K. Lochhamer Schlag 5 82166 Gräfelfing/München
Tel. +49 89 546868-0 quartz@geyer-electronic.de www.geyer-electronic.de

Version 20.03.2012