RoHS 2002/95/EC

GEYER electronic
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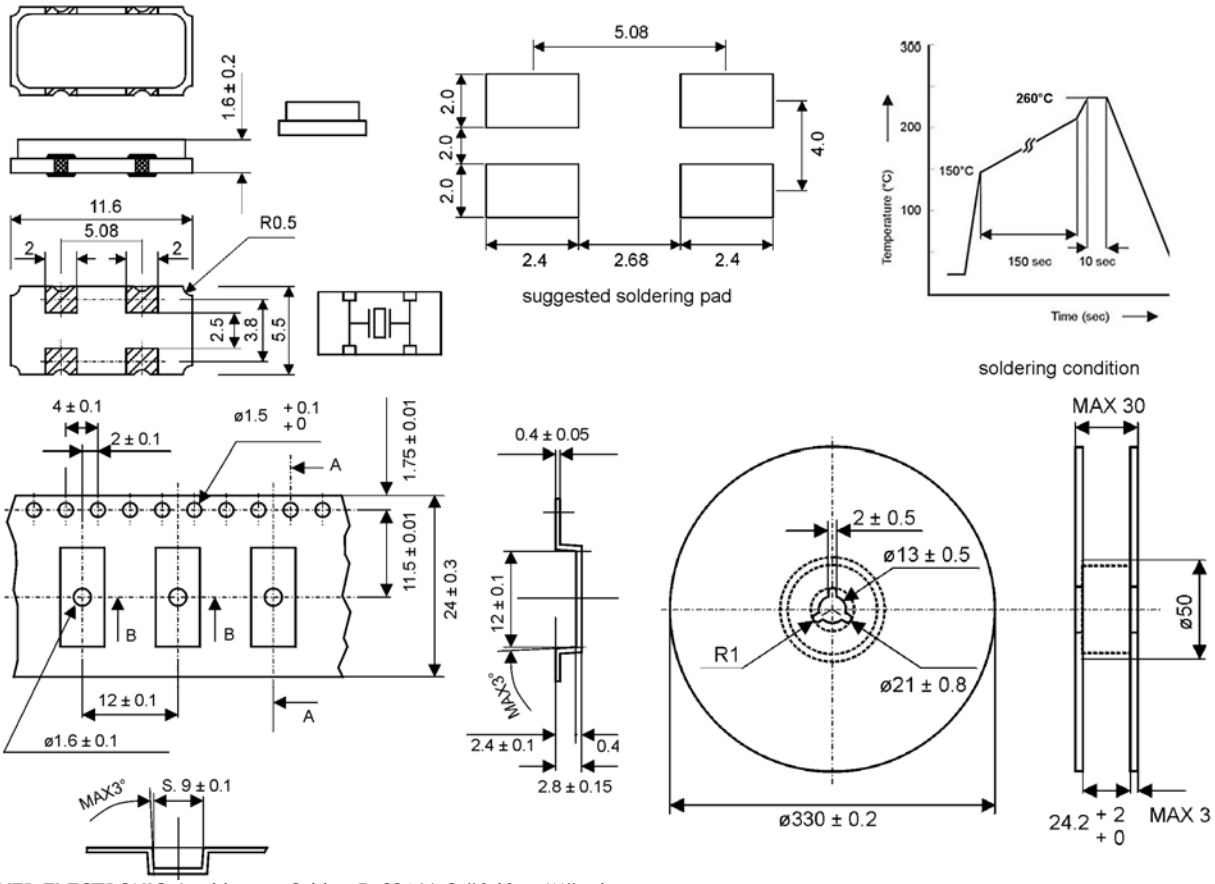
QUARTZ CRYSTALS MHz range SMD-version

model	KX - 20
frequency range	3,579545 ~ 25,0 MHz
mode	fundamental, 3rd overtone
operating temperature	standard -20° ~ + 70°C available -40° ~ + 85°C (= KX-20T) available -40° ~ +105°C (= KX-20E)
frequency tolerance at +25°C	± 50 ppm
temperature tolerance at -20° ~ + 70°C at -40° ~ + 85°C at -40° ~ +105°C	 ± 50 ppm ± 100 ppm ± 120 ppm
load capacitance C_L	standard 16 pF available 12 ~ 20 pF
series resonance R_1 max.	fundamental 3,5 ~ 3,9 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 ~ 45,0 MHz 50 Ohm 3rd overtone 32,0 ~ 70,0 MHz 100 Ohm
aging (first year)	± 5 ppm
shunt capacitance C_0 max.	7,0 pF
drive level in mW	0,1
contents of reel	2000 pcs.
RoHS	since production start
part no.	12.87500~12.87799



GEYER ELECTRONIC Lochhamer Schlag 5 82166 Gräfelfing/München
Tel. 089/546868-0 Fax 089/546868-91 quartz@geyer-electronic.de

15.07.2008