

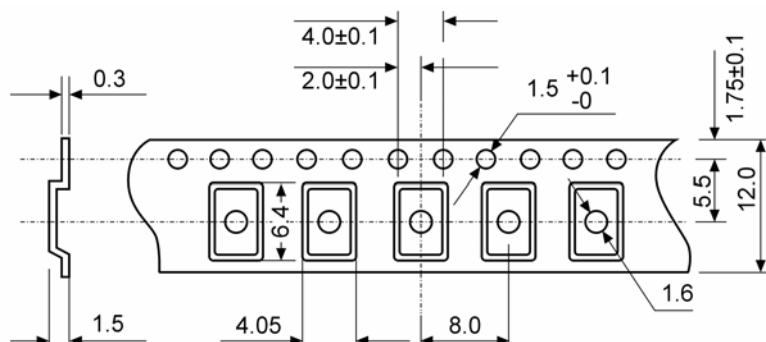
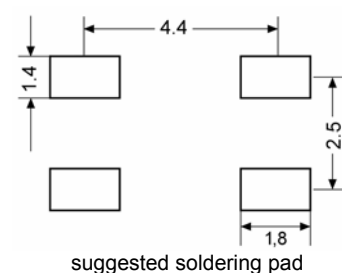
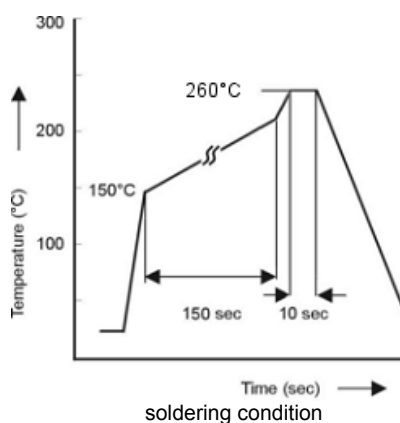
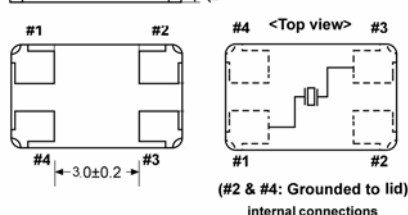
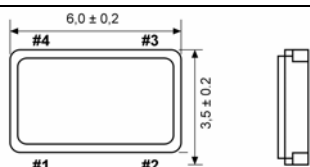


QUARTZ CRYSTALS

MHz range

SMD-version

model	KX – 12A			
frequency range	8,0 ~ 150,0 MHz			
mode	fundamental, 3 rd overtone			
operating temperature	standard	-20° ~ + 70°C		
	available	-40° ~ + 85°C (=KX-12AT)		
	available	-40° ~ +105°C (=KX-12AE)		
frequency tolerance at +25°C	standard	± 50 ppm		
	available	± 10 ~ ± 50 ppm		
temperature tolerance	standard	± 50 ppm, available ±10 ~ ±50 ppm		
-20° ~ + 70°C	standard	±100 ppm, available ±10 ~ ± 100 ppm		
-40° ~ + 85°C	standard	±120 ppm, available ±30 ~ ± 120 ppm		
-40° ~ +105°C				
load capacitance C _L	standard	16 pF		
	available	10 ~ 20 pF		
series resonance	fundamental	8,0	~ 11,99 MHz	80 Ohm
R ₁ max.		12,0	~ 80,0 MHz	50 Ohm
	3 rd overtone	40,0	~ 150,0 MHz	100 Ohm
aging (first year)	± 2 ppm			
shunt capacitance C ₀ max.	5,0 pF			
drive level in mW max.	0,1			
RoHS	since production start			
contents of reel	1000 pcs.			 actual size
part no.	12.87600 ~ 12.87699			



(mm) reel diameter 178 mm