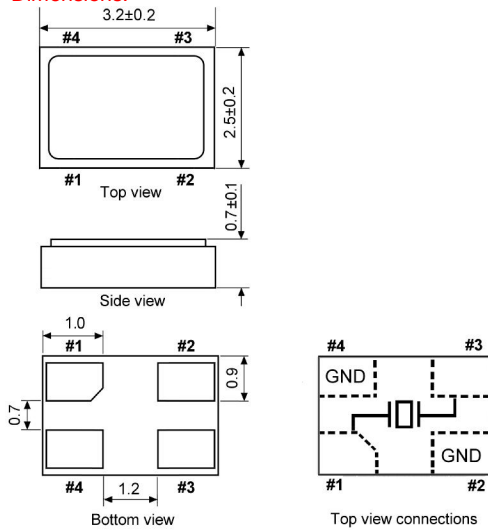


## Quartz Crystal

SMD-version

part no.	12.60402
model	KX – 7F
frequency	8.0 MHz
mode	fundamental
operating temperature	-40° ~ +125°C
storage temperature	-40° ~ +125°C
frequency tolerance at +25°C	±50 ppm
temperature tolerance -40° ~ +125°C	±150 ppm
load capacitance $C_L$	6 pF
series resistance $R_1$ (ESR) max.	500 Ohm
aging at +25°C (first year) max.	±2 ppm
shunt capacitance $C_0$ max.	3.0 pF
drive level max.	100 $\mu$ W
contents of reel	1000 pcs.

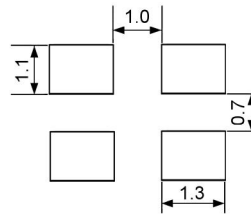
**Dimensions:**



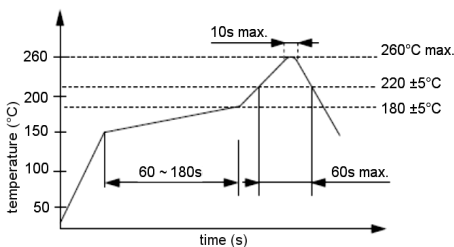
#2 & #4: connected to metal lid

at 8.0 ~ 9.999 MHz: #2 & #4: do not connect to circuit ground

**Suggested soldering pad:**



**Reflow soldering condition:**



**Tape specification:**

