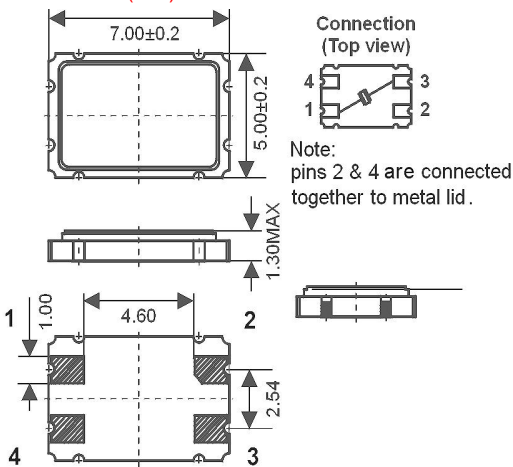


## Quartz Crystal

SMD-version

|  |                              |
|--|------------------------------|
| model                                  | KX - 13                      |
| frequency                              | 10,0 MHz                     |
| mode                                   | fundamental                  |
| operating temperature                  | -20° ~ + 70°C                |
| frequency tolerance at +25°C           | ± 30 ppm                     |
| temperature tolerance at -20° ~ + 70°C | ± 50 ppm                     |
| load capacitance $C_L$                 | 16 pF                        |
| series resonance $R_1$ max.            | 50 Ohm                       |
| aging at 25°C ( first year ) max.      | ± 2 ppm                      |
| shunt capacitance $C_O$ max.           | 7,0 pF                       |
| drive level in mW                      | 0,05                         |
| RoHS                                   | according to RoHS 2011/65/EU |
| contents of reel                       | 1000 pcs.                    |
| part no.                               | 12.87905                     |

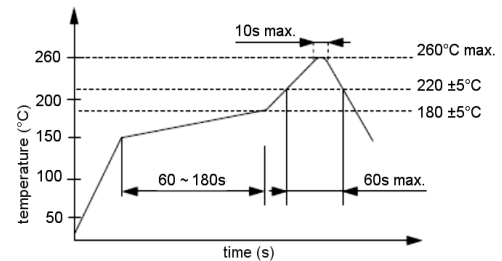
**Dimensions (mm):**



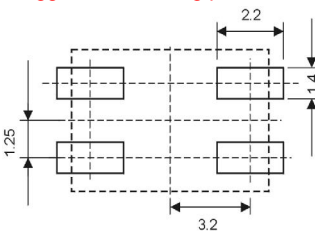
**Connection (Top view)**

Note: pins 2 & 4 are connected together to metal lid.

**Reflow soldering condition:**



**Suggested soldering pad:**



**Tape specification:**

