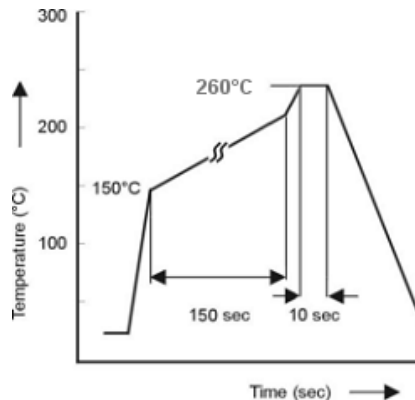
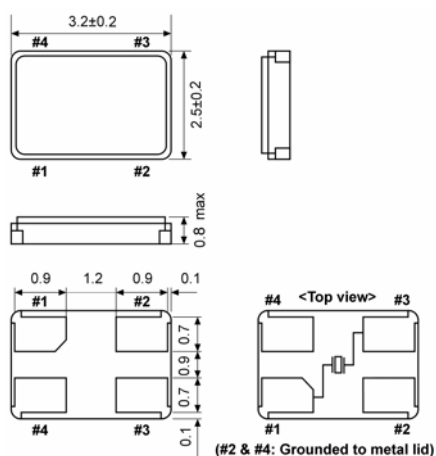


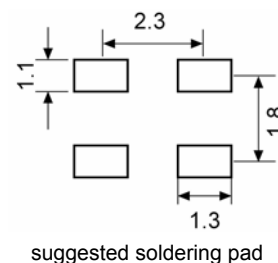
## Quartz Crystal

SMD-version

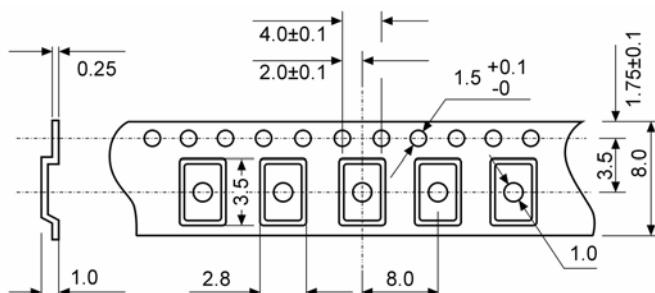
|                                        |                        |
|----------------------------------------|------------------------|
| model                                  | KX - 7                 |
| frequency                              | 13,56 MHz              |
| mode                                   | fundamental            |
| operating temperature                  | -20° ~ + 70°C          |
| frequency tolerance at +25°C           | ± 30 ppm               |
| temperature tolerance<br>-20° ~ + 70°C | ± 50 ppm               |
| load capacitance $C_L$                 | 12 pF                  |
| series resonance<br>$R_1$ max.         | 100 Ohm                |
| aging ( first year )                   | ± 5 ppm                |
| shunt capacitance $C_0$ max.           | 5,0 pF                 |
| drive level in mW max.                 | 0,05                   |
| RoHS                                   | since production start |
| contents of reel                       | 1000 pcs.              |
| part no.                               | 12.88663               |



soldering condition



suggested soldering pad



(mm) reel diameter 178 mm