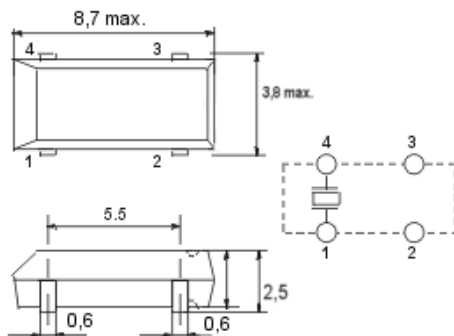


## QUARTZ CRYSTALS

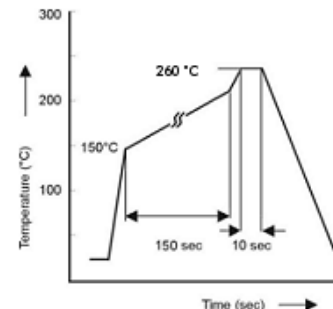
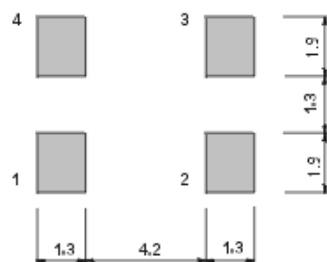
32,768 kHz

SMD-version

|                                                       |                                                                         |
|-------------------------------------------------------|-------------------------------------------------------------------------|
| model                                                 | KX - 327S                                                               |
| frequency                                             | 32,768 kHz                                                              |
| operating temperature                                 | standard -20° ~ +70°C<br>available -40° ~ +85°C (= KX-327ST)            |
| frequency tolerance at +25°C                          | ± 30 ppm standard<br>± 20 ppm available                                 |
| temperature tolerance at -20° ~ +70°C<br>-40° ~ +85°C | -0,034 ±0,006 ppm/°C <sup>2</sup> typ., -0,042 ppm/°C <sup>2</sup> max. |
| load capacitance C <sub>L</sub>                       | 12,5 pF                                                                 |
| series resonance R <sub>1</sub> max.                  | 50k Ohm                                                                 |
| aging ( first year )                                  | ± 5 ppm                                                                 |
| shunt capacitance C <sub>0</sub> max.                 | 2 pF                                                                    |
| drive level in mW max.                                | 0,001                                                                   |
| RoHS                                                  | started from date code May, 2005                                        |
| contents of reel                                      | 3000 pcs.                                                               |
| part no.                                              | 12.87110 ~ 12.87149                                                     |



### SUGGESTED SOLDERING PAD



soldering condition

### Tape lead out direction

FEED

