

## QUARTZ CRYSTALS

**32,768 kHz**

**SMD-version**

|                                                         |                                                                 |
|---------------------------------------------------------|-----------------------------------------------------------------|
| model                                                   | KX - 327XS                                                      |
| frequency                                               | 32,768 kHz                                                      |
| operating temperature                                   | standard -20° ~ +70° C<br>available -40° ~ +85° C (= KX-327XST) |
| frequency tolerance at +25° C                           | standard ± 30 ppm<br>available ± 20 ppm                         |
| temperature tolerance at -20° ~ +70° C<br>-40° ~ +85° C | -0,034 ±0,006 ppm/°C <sup>2</sup> typ                           |
| load capacitance C <sub>L</sub>                         | standard 12,5 pF<br>available 6 - 12,5 pF                       |
| series resonance R <sub>1</sub> max.                    | 65k 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                                             |

