

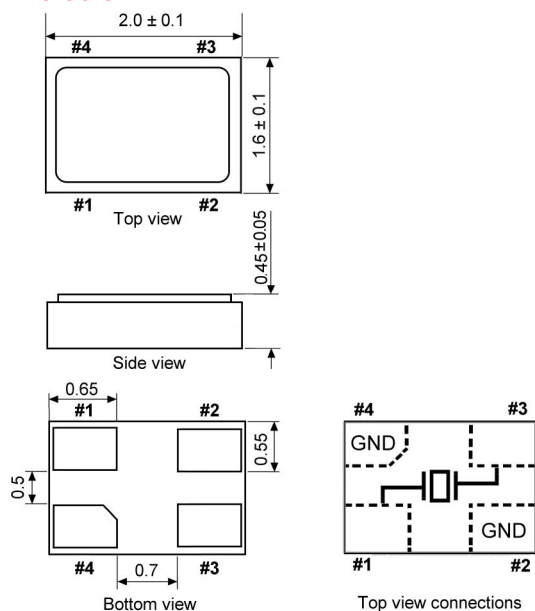


## Quartz Crystal

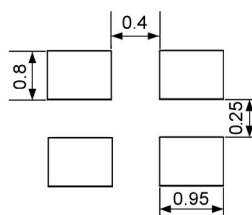
SMD-version

|                                    |                                   |
|------------------------------------|-----------------------------------|
| part no.                           | 12.85587                          |
| model                              | KX – 5T                           |
| frequency                          | 48.0 MHz                          |
| mode                               | fundamental                       |
| operating temperature              | -40° ~ +85°C                      |
| frequency tolerance at +25°C       | ±10 ppm                           |
| temperature tolerance -40° ~ +85°C | ±25 ppm                           |
| load capacitance $C_L$             | 7 pF                              |
| series resistance R1 (ESR) max.    | 60 Ohm                            |
| aging at +25°C (first year) max.   | ±2 ppm                            |
| shunt capacitance $C_0$ max.       | 3.5 pF                            |
| drive level                        | 100 $\mu$ W max., 50 $\mu$ W typ. |
| contents of reel                   | 1000 pcs.                         |

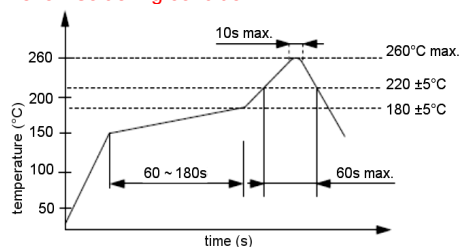
### Dimensions:



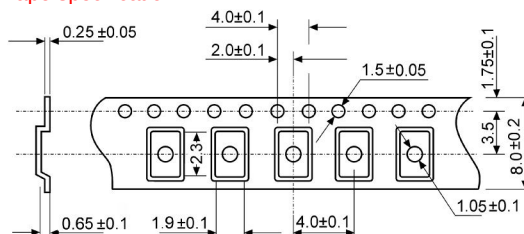
### Suggested soldering pad:



### Reflow soldering condition:



### Tape specification:



reel diameter 178 mm