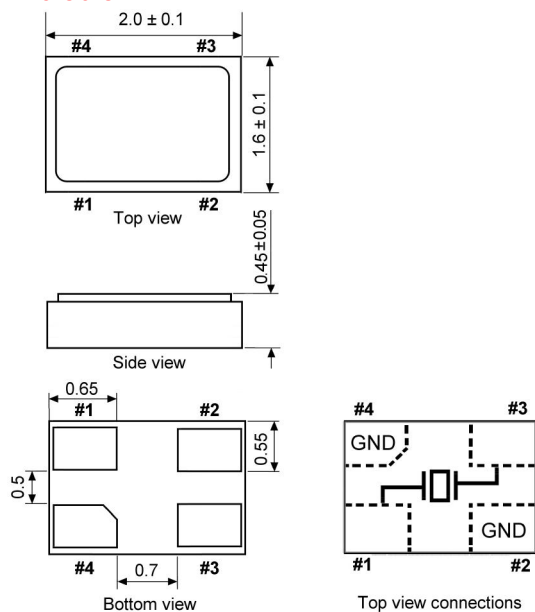


## Quartz Crystal

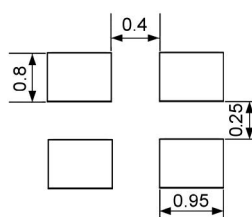
SMD-version

|                                       |                                        |
|---------------------------------------|----------------------------------------|
| part no.                              | 12.85536                               |
| model                                 | KX – 5T                                |
| frequency                             | 40.0 MHz                               |
| mode                                  | fundamental                            |
| operating temperature                 | -40° ~ +85°C                           |
| storage temperature                   | -40° ~ +125°C                          |
| frequency tolerance at +25°C          | ±10 ppm                                |
| temperature tolerance<br>-40° ~ +85°C | ±20 ppm                                |
| load capacitance $C_L$                | 8 pF                                   |
| series resistance R1 (ESR) max.       | 80 Ohm                                 |
| aging at 25°C (first year) max.       | ±2 ppm                                 |
| shunt capacitance $C_0$ max.          | 3.5 pF                                 |
| drive level                           | 50 $\mu$ W typ., 100 $\mu$ W max.      |
| pulling                               | ±10 ppm / pF (min), ±15 ppm / pF (typ) |
| AEC-Q200                              | qualified                              |
| contents of reel                      | 1000 pcs.                              |

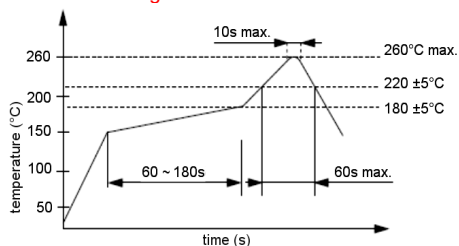
### Dimensions:



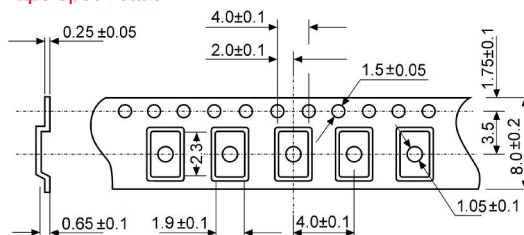
### Suggested soldering pad:



### Reflow soldering condition:



### Tape specification:



reel diameter 178 mm