Clock Oscillators
Surface Mount Type
Clock Z-Series

CMOS/ 1.8V, 2.5V, 3.3V/ 2.0×1.6, 2.5×2.0, 3.2×2.5, 5.0×3.2, 7.0×5.0mm

Dimensions (Unit : mm)

Recommended Land Patterns (Unit : mm)

Pad Connections

<table>
<thead>
<tr>
<th>#1</th>
<th>INH</th>
<th>#2</th>
<th>Case GND</th>
<th>#3</th>
<th>Output</th>
<th>#4</th>
<th>Vcc</th>
</tr>
</thead>
</table>

INH Function

- Pad1: Open
- Pad3 (Output): Active
- "H" Level: Active
- "L" Level: High Z (No-Oscillation)

As of December 2019
# Crystal Oscillators

## Specifications

### Table 2

<table>
<thead>
<tr>
<th>Code</th>
<th>10^N</th>
<th>Operating Temperature Range (°C)</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>± 5</td>
<td>-40 to +85</td>
<td></td>
</tr>
<tr>
<td>N</td>
<td>± 15</td>
<td>-40 to +105</td>
<td></td>
</tr>
</tbody>
</table>

- For additional stability, please contact us.

### Table 2 (Continued)

<table>
<thead>
<tr>
<th>Freq Tol</th>
<th>Operating Temperature Range (°C)</th>
<th>Note</th>
</tr>
</thead>
</table>

### Features
- Frequency Range 0.5 to 170 MHz
- CMOS Output
- Tighter Tolerance
- Short Lead Time
- Heat resistant up to +125°C

### Applications
- Consumer/ Networking/ Industrial/ Amuse

### How to Order

<table>
<thead>
<tr>
<th>KC0000Z</th>
<th>25.0000</th>
<th>C</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>0</th>
<th>Z</th>
<th>00</th>
</tr>
</thead>
</table>

- **KC2016Z**
  - 2016 Size
  - 2520 Size
- **KC3225Z**
  - 3225 Size
  - 5032 Size
- **KC7050Z**
  - 7050 Size

- **Output Frequency (25.0000 : 25MHz)**
- **Output Type (C : CMOS)**
- **Supply Voltage**

<table>
<thead>
<tr>
<th>1</th>
<th>1.8V</th>
<th>2</th>
<th>2.5V</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>3.3V</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Frequency Tolerance (See Table 2)**
- **Symmetry/ INH Function**
- **Individual Specification**

### All electrical characteristics are defined at the maximum load and operating temperature range.

### As of December 2019