SCL Chip Multilayer Ceramic Capacitor

Features
- Tin/Nickel termination to improve the solderability
- Multilayer block structure provides higher reliability
- Wide range of capacitance value available in standard sizes
- Widely used in electronic devices

Specifications
- Rated Voltage: DC 16V, 25V, 50V
- Capacitance Range: 0.5pF to 10uF
- Capacitance Tolerance: ±0.25pF, ±0.5pF, ±5%, ±10%, ±20%, ±80-20%
- Temperature Characteristics:
  - NPO: -55°C ~ +125°C
  - X7R: -55°C ~ +125°C
  - Y5V: -25°C ~ +85°C

Dimensions
<table>
<thead>
<tr>
<th>size</th>
<th>L</th>
<th>W</th>
<th>T (Max)</th>
<th>bw</th>
</tr>
</thead>
<tbody>
<tr>
<td>0402</td>
<td>1.00±0.05</td>
<td>0.50±0.05</td>
<td>0.55</td>
<td>0.25±0.10</td>
</tr>
<tr>
<td>0603</td>
<td>1.60±0.10</td>
<td>0.80±0.10</td>
<td>0.95</td>
<td>0.35±0.15</td>
</tr>
<tr>
<td>0805</td>
<td>2.00±0.20</td>
<td>1.25±0.20</td>
<td>1.4</td>
<td>0.45±0.25</td>
</tr>
<tr>
<td>1206</td>
<td>3.20±0.30</td>
<td>1.60±0.20</td>
<td>1.8</td>
<td>0.50±0.20</td>
</tr>
<tr>
<td>1210</td>
<td>3.20±0.30</td>
<td>2.50±0.20</td>
<td>2.7</td>
<td>0.60±0.30</td>
</tr>
</tbody>
</table>

Structure

Package

* The spec is subject to change without notice. Please contact us if any further queries.

Semec Technology Company Ltd.

www.semectech.com
info@semectech.com