### Capacitor Data Sheet

#### Package Specifications

<table>
<thead>
<tr>
<th>Package</th>
<th>Shape</th>
<th>Size (mm/inch)</th>
<th>Footprint</th>
</tr>
</thead>
<tbody>
<tr>
<td>L</td>
<td>3.2 ±0.2</td>
<td>1.6 ±0.2</td>
<td>1.6 ±0.2</td>
</tr>
<tr>
<td>K</td>
<td>3.2 ±0.2</td>
<td>1.6 ±0.2</td>
<td>1.6 ±0.2</td>
</tr>
<tr>
<td>B</td>
<td>3.2 ±0.2</td>
<td>1.6 ±0.2</td>
<td>1.6 ±0.2</td>
</tr>
</tbody>
</table>

#### Capacitor Specifications

- **Capacitance**: 10µF ±10%
- **Rated Voltage**: 25Vdc
- **Temperature Characteristics**: X7R (EIA)
  - Capacitance Change Rate: ±15%
  - Temperature Range: -55 to 125°C
- **Operating Temperature Range**: -55 to 125°C

### Packaging Specifications

<table>
<thead>
<tr>
<th>Package</th>
<th>Minimum Quantity</th>
<th>Mass (typ.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>L</td>
<td>Embossed tape (Ø180mm)</td>
<td>1 piece: 52mg Reel (Ø180mm): 160g</td>
</tr>
<tr>
<td>K</td>
<td>Embossed tape (Ø330mm)</td>
<td>2000: 6000</td>
</tr>
<tr>
<td>B</td>
<td>Packing in bulk</td>
<td>1000</td>
</tr>
</tbody>
</table>

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**Attention**

- This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

URL: [http://www.murata.co.jp/](http://www.murata.co.jp/)

Last updated: 2013/03/08
Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

- Frequency characteristics (ESR, Impedance)
- S parameter (Smith chart S11)
- DC bias characteristics
- AC voltage characteristics
- Capacitance - temperature characteristics
- Calorific property by ripple current

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