In operating temperatures exceeding +85°C, derating of current is necessary for the LQW2BAN_00 series. Please apply the derating curve shown in the chart according to the operating temperature. When rated current is applied to the products, self-temperature rise shall be limited to 40°C max. Please consider "Notice (Rating)."

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**Specifications**

- **Inductance**: 180nH ±5%
- **Inductance test frequency**: 100MHz
- **Rated current (Itemp) (Based on Temperature rise)**: 800mA
- **Max. of DC resistance**: 0.58Ω
- **Q (min.)**: 53
- **Q test frequency**: 250MHz
- **Self resonance frequency (min.)**: 920MHz
- **Operating temperature range (Self-temperature rise is included)**: -55°C to 125°C
- **Series**: LQW2BAN_00

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**Notes**

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's 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.
2. 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.

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**References**

<table>
<thead>
<tr>
<th>Packaging code</th>
<th>Specifications</th>
<th>Minimum quantity</th>
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<tbody>
<tr>
<td>L</td>
<td>φ180mm Embossed taping</td>
<td>2000</td>
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<tr>
<td>K</td>
<td>φ330mm Embossed taping</td>
<td>8000</td>
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<tr>
<td>B</td>
<td>Packing in bulk</td>
<td>500</td>
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**Mass (Typ.)**

<p>| | |</p>
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<tr>
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<tbody>
<tr>
<td>1 piece</td>
<td>0.014g</td>
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</table>

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**Shape**

- **L size**: 2.09 ±0.2mm
- **W size**: 1.53 ±0.2mm
- **T size**: 1.42 ±0.1mm
- **Size code in inch (mm)**: 0805 (2015)
In operating temperatures exceeding +85°C, derating of current is necessary for this series. Please apply the derating curve shown in the chart according to the operating temperature.

![Derating of Rated Current](chart)

**Attention**

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