Features
- High resistance to heat and humidity
- Resistance to mechanical shock and pressure
- Accurate dimensions for automatic surface mounting
- Wide impedance range
- RoHS compliant*

Applications
- Power supply lines
- IC power lines
- Signal lines

MG, MU, MZ Series High Impedance Chip Ferrite Beads

Electrical Specifications

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Impedance (Ω) at 100 MHz</th>
<th>RDC (Ω) Max.</th>
<th>IDC (mA) Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>MG2029-100Y</td>
<td>30 ±25 %</td>
<td>0.20</td>
<td>500</td>
</tr>
<tr>
<td>MG2029-200Y</td>
<td>60 ±25 %</td>
<td>0.20</td>
<td>400</td>
</tr>
<tr>
<td>MG2029-300Y</td>
<td>90 ±25 %</td>
<td>0.20</td>
<td>300</td>
</tr>
<tr>
<td>MG2029-400Y</td>
<td>120 ±25 %</td>
<td>0.20</td>
<td>300</td>
</tr>
<tr>
<td>MG2029-500Y</td>
<td>150 ±25 %</td>
<td>0.20</td>
<td>300</td>
</tr>
<tr>
<td>MG2029-600Y</td>
<td>180 ±25 %</td>
<td>0.20</td>
<td>300</td>
</tr>
<tr>
<td>MG2029-700Y</td>
<td>210 ±25 %</td>
<td>0.20</td>
<td>300</td>
</tr>
<tr>
<td>MG2029-800Y</td>
<td>240 ±25 %</td>
<td>0.20</td>
<td>300</td>
</tr>
<tr>
<td>MG2029-900Y</td>
<td>270 ±25 %</td>
<td>0.20</td>
<td>300</td>
</tr>
<tr>
<td>MG2029-1000Y</td>
<td>300 ±25 %</td>
<td>0.20</td>
<td>300</td>
</tr>
<tr>
<td>MG2029-1100Y</td>
<td>330 ±25 %</td>
<td>0.20</td>
<td>300</td>
</tr>
<tr>
<td>MG2029-1200Y</td>
<td>360 ±25 %</td>
<td>0.20</td>
<td>300</td>
</tr>
<tr>
<td>MG2029-1300Y</td>
<td>390 ±25 %</td>
<td>0.20</td>
<td>300</td>
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<tr>
<td>MG2029-1400Y</td>
<td>420 ±25 %</td>
<td>0.20</td>
<td>300</td>
</tr>
<tr>
<td>MG2029-1500Y</td>
<td>450 ±25 %</td>
<td>0.20</td>
<td>300</td>
</tr>
<tr>
<td>MG2029-1600Y</td>
<td>480 ±25 %</td>
<td>0.20</td>
<td>300</td>
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<tr>
<td>MG2029-1700Y</td>
<td>510 ±25 %</td>
<td>0.20</td>
<td>300</td>
</tr>
<tr>
<td>MG2029-1800Y</td>
<td>540 ±25 %</td>
<td>0.20</td>
<td>300</td>
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<tr>
<td>MG2029-1900Y</td>
<td>570 ±25 %</td>
<td>0.20</td>
<td>300</td>
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<tr>
<td>MG2029-2000Y</td>
<td>600 ±25 %</td>
<td>0.20</td>
<td>300</td>
</tr>
</tbody>
</table>

Additional Information

Click these links for more information:

- Product
- Technical Library
- Inventory
- Samples
- Contact

General Specifications
- Operating Temperature: -55 °C to +125 °C
- Storage Temperature: -55 °C to +125 °C
- Rated Current: Based on max temperature rise of +20 °C

Materials
- Core Material: Ferrite
- Internal Conductor: Ag or Ag/Pd
- Terminal: Ag/Ni/Sn

WARNING  Cancer and Reproductive Harm - www.P65Warnings.ca.gov


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MG, MU, MZ Series High Impedance Chip Ferrite Beads

Electrical Specifications (continued)

MU 3261-300Y

MU 3261-600Y

MU 3261-750Y

MU 3261-101Y

MU 3261-121Y

MU 3261-221Y

MU 3261-301Y

MU 3261-471Y

MU 3261-601Y

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**MG, MU, MZ Series High Impedance Chip Ferrite Beads**

### Electrical Specifications (continued)

<table>
<thead>
<tr>
<th>Model</th>
<th>Frequency (MHz)</th>
<th>Impedance (Ω)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MU 1005-301Y</td>
<td>200-1100</td>
<td>800-400</td>
</tr>
<tr>
<td>MU 1005-471Y</td>
<td>200-1100</td>
<td>800-400</td>
</tr>
<tr>
<td>MU 1005-601Y</td>
<td>200-1100</td>
<td>800-400</td>
</tr>
<tr>
<td>MU 1005-102Y</td>
<td>1200-800</td>
<td>400-200</td>
</tr>
</tbody>
</table>

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MG, MU, MZ Series High Impedance Chip Ferrite Beads

**Product Dimensions**

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Recommended Land Pattern</th>
</tr>
</thead>
</table>

**Preheating:**
- 100 °C to 150 °C
- 2 minutes min.
- 5 seconds max.
- 120 sec. max.
- 50 sec. max.
- 200 °C
- 230 °C
- 260 °C max.

**T**

<table>
<thead>
<tr>
<th><strong>Series</strong></th>
<th><strong>A</strong></th>
<th><strong>B</strong></th>
<th><strong>C</strong></th>
<th><strong>D</strong></th>
<th><strong>G</strong></th>
<th><strong>H</strong></th>
<th><strong>I</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>3261</td>
<td>3.2 ± 0.2 (1.26 ± .008)</td>
<td>1.6 ± 0.2 (0.63 ± .008)</td>
<td>1.1 ± 0.2 (0.43 ± .008)</td>
<td>0.5 ± 0.2 (0.20 ± .008)</td>
<td>2.2 (0.88)</td>
<td>1.8 (0.71)</td>
<td>1.05 (.041)</td>
</tr>
<tr>
<td>2029</td>
<td>2.0 ± 0.2 (.079 ± .008)</td>
<td>1.2 ± 0.2 (0.47 ± .008)</td>
<td>0.9 ± 0.2 (0.35 ± .008)</td>
<td>0.5 ± 0.2 (0.20 ± .008)</td>
<td>1.0 (.04)</td>
<td>1.0 (.04)</td>
<td>1.0 (.04)</td>
</tr>
<tr>
<td>1608</td>
<td>1.6 ± 0.15 (.063 ± .006)</td>
<td>0.8 ± 0.2 (0.031 ± .008)</td>
<td>0.8 ± 0.2 (0.031 ± .008)</td>
<td>0.3 ± 0.2 (0.012 ± .008)</td>
<td>0.7 (.028)</td>
<td>0.7 (.028)</td>
<td>0.7 (.028)</td>
</tr>
<tr>
<td>1005</td>
<td>1.0 ± 0.10 (.039 ± .004)</td>
<td>0.5 ± 0.1 (0.020 ± .004)</td>
<td>0.5 ± 0.1 (0.020 ± .004)</td>
<td>0.25 ± 0.1 (0.010 ± .004)</td>
<td>0.5 (.02)</td>
<td>0.55 (.022)</td>
<td>0.7 (.028)</td>
</tr>
</tbody>
</table>

**Reel Dimensions**

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REV. 06/22

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