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

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

MH45/MH32/MH20 Series High Current Chip Ferrite Beads


**Bourns considers a product to be “halogen free” if (a) the Bromine (Br) content is 900 ppm or less; (b) the Chlorine (Cl) content is 900 ppm or less; and (c) the total Bromine (Br) and Chlorine (Cl) content is 1500 ppm or less.

Specifications are subject to change without notice. Customers should verify actual device performance in their specific applications.

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Electrical Specifications

MH 4532-  800Y

MH 4532-  121Y

MH 4532-  131Y

MH 4532-  151Y

MH 4532-  132Y

MH 4516-  600Y

MH 4516-  750Y

MH 4516-  800Y

MH 3261-  601Y

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MH45/MH32/MH20 Series High Current Chip Ferrite Beads

**Product Dimensions**

![Diagram of product dimensions](image)

**Recommended Land Pattern**

![Recommended land pattern](image)

<table>
<thead>
<tr>
<th>Series</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>G</th>
<th>H</th>
<th>I</th>
</tr>
</thead>
<tbody>
<tr>
<td>MH4532</td>
<td>4.5 ± 0.2 (.177 ± .008)</td>
<td>3.2 ± 0.2 (.126 ± .008)</td>
<td>1.5 ± 0.2 (.059 ± .008)</td>
<td>0.5 ± 0.2 (.020 ± .008)</td>
<td>3.3 (1.30)</td>
<td>3.4 (.134)</td>
<td>1.05 (.041)</td>
</tr>
<tr>
<td>MH4516</td>
<td>4.5 ± 0.2 (.177 ± .008)</td>
<td>1.6 ± 0.2 (.063 ± .008)</td>
<td>1.6 ± 0.2 (.063 ± .008)</td>
<td>0.5 ± 0.2 (.020 ± .008)</td>
<td>3.3 (1.140)</td>
<td>1.8 (.070)</td>
<td>1.05 (.041)</td>
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<tr>
<td>MH3261</td>
<td>3.2 ± 0.2 (.126 ± .008)</td>
<td>1.6 ± 0.2 (.063 ± .008)</td>
<td>1.1 ± 0.2 (.043 ± .008)</td>
<td>0.5 ± 0.2 (.020 ± .008)</td>
<td>2.2 (.087)</td>
<td>1.8 (.070)</td>
<td>1.05 (.041)</td>
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<tr>
<td>MH2029</td>
<td>2.0 ± 0.2 (.079 ± .008)</td>
<td>1.25 ± 0.2 (.049 ± .008)</td>
<td>0.85 ± 0.2 (.033 ± .008)</td>
<td>0.5 ± 0.3 (.020 ± .012)</td>
<td>1.0 (.040)</td>
<td>1.45 (.057)</td>
<td>1.05 (.041)</td>
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**Reel Dimensions**

![Reel dimensions](image)

<table>
<thead>
<tr>
<th>Series</th>
<th>Pcs. per Reel</th>
<th>D</th>
<th>E</th>
<th>G</th>
<th>T</th>
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<tr>
<td>MH4532</td>
<td>1,000</td>
<td>12.0 (.472)</td>
<td>8.0 (.315)</td>
<td>14.0 + 0 (.551 + 0)</td>
<td>16.5 (.650)</td>
</tr>
<tr>
<td>MH4516</td>
<td>2,000</td>
<td>12.0 (.472)</td>
<td>4.0 (.157)</td>
<td>14.0 + 0 (.551 + 0)</td>
<td>16.5 (.650)</td>
</tr>
<tr>
<td>MH3261</td>
<td>3,000</td>
<td>8.0 (.315)</td>
<td>4.0 (.157)</td>
<td>10.0 + 0 (.394 + 0)</td>
<td>12.5 (.492)</td>
</tr>
<tr>
<td>MH2029</td>
<td>4,000</td>
<td>8.0 (.315)</td>
<td>4.0 (.157)</td>
<td>10.0 + 0 (.394 + 0)</td>
<td>12.5 (.492)</td>
</tr>
</tbody>
</table>

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