Features
- Compact size
- High current
- Wide impedance range
- RoHS compliant* and halogen free**

Applications
- EMI suppression in power supplies and RF lines

MH2029-T Series – High Current Chip Ferrite Beads

Features

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Impedance (Ω) at 100 MHz / 60 mV</th>
<th>DC Resistance (Ω) Max.</th>
<th>Rated Current (mA) Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>MH2029-300T</td>
<td>30 ±25 %</td>
<td>0.004</td>
<td>8500</td>
</tr>
<tr>
<td>MH2029-700T</td>
<td>70 ±25 %</td>
<td>0.009</td>
<td>6000</td>
</tr>
<tr>
<td>MH2029-111T</td>
<td>110 ±25 %</td>
<td>0.013</td>
<td>5000</td>
</tr>
<tr>
<td>MH2029-181T</td>
<td>180 ±25 %</td>
<td>0.02</td>
<td>4000</td>
</tr>
<tr>
<td>MH2029-331T</td>
<td>330 ±25 %</td>
<td>0.04</td>
<td>2800</td>
</tr>
<tr>
<td>MH2029-471T</td>
<td>470 ±25 %</td>
<td>0.05</td>
<td>2500</td>
</tr>
<tr>
<td>MH2029-601T</td>
<td>600 ±25 %</td>
<td>0.06</td>
<td>2300</td>
</tr>
<tr>
<td>MH2029-102T</td>
<td>1000 ±25 %</td>
<td>0.12</td>
<td>1600</td>
</tr>
</tbody>
</table>

Applications

- EMI suppression in power supplies and RF lines

General Specifications

- Operating Temperature: -55 °C to +125 °C
- Storage Temperature: -55 °C to +125 °C
- Rated Current: Based on max. temperature rise of +40 °C
- Moisture Sensitivity Level: 1
- ESD Classification (HBM): N/A

Electrical Specifications @ 25 °C

- 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.

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