Features
- Formerly J.W. Miller* model
- Current rating up to 20 A
- Inductance range: 3.35 µH to 1000 µH
- RoHS compliant*

Applications
- EMI filters
- Output chokes
- Smoothing coils

5200 Series - Hash Choke

Electrical Specifications

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Inductance (µH)</th>
<th>Tol.</th>
<th>Test Freq.</th>
<th>DCR (Ω) Max.</th>
<th>I dc (A)</th>
<th>Lead Wire Size (AWG)</th>
<th>Figure</th>
<th>Diameter Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5218-RC</td>
<td>3.35</td>
<td>±20%</td>
<td>7.96 MHz</td>
<td>0.010</td>
<td>20</td>
<td>12</td>
<td>A</td>
<td>15.24 (0.60)</td>
</tr>
<tr>
<td>5219-RC</td>
<td>4.9</td>
<td>±20%</td>
<td>7.96 MHz</td>
<td>0.016</td>
<td>15</td>
<td>14</td>
<td>A</td>
<td>15.24 (0.60)</td>
</tr>
<tr>
<td>5220-RC</td>
<td>8.8</td>
<td>±20%</td>
<td>7.96 MHz</td>
<td>0.021</td>
<td>10</td>
<td>16</td>
<td>A</td>
<td>14.22 (0.56)</td>
</tr>
<tr>
<td>5230-RC</td>
<td>4.0</td>
<td>±20%</td>
<td>7.96 MHz</td>
<td>0.012</td>
<td>8.0</td>
<td>20</td>
<td>B</td>
<td>9.65 (0.38)</td>
</tr>
<tr>
<td>5240-RC</td>
<td>40</td>
<td>±20%</td>
<td>1.0 KHz</td>
<td>0.082</td>
<td>3.0</td>
<td>20</td>
<td>D</td>
<td>7.87 (0.31)</td>
</tr>
<tr>
<td>5248-RC</td>
<td>68</td>
<td>±20%</td>
<td>1.0 KHz</td>
<td>0.054</td>
<td>5.0</td>
<td>20</td>
<td>C</td>
<td>14.22 (0.56)</td>
</tr>
<tr>
<td>5250-RC</td>
<td>100</td>
<td>±20%</td>
<td>1.0 KHz</td>
<td>0.216</td>
<td>2.0</td>
<td>20</td>
<td>E</td>
<td>9.65 (0.38)</td>
</tr>
<tr>
<td>5252-RC</td>
<td>125</td>
<td>±20%</td>
<td>1.0 KHz</td>
<td>0.08</td>
<td>3.5</td>
<td>20</td>
<td>C</td>
<td>12.70 (0.50)</td>
</tr>
<tr>
<td>5254-RC</td>
<td>250</td>
<td>±20%</td>
<td>1.0 KHz</td>
<td>0.17</td>
<td>2.5</td>
<td>20</td>
<td>C</td>
<td>11.18 (0.44)</td>
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<td>5256-RC</td>
<td>500</td>
<td>±20%</td>
<td>1.0 KHz</td>
<td>0.26</td>
<td>2.0</td>
<td>20</td>
<td>C</td>
<td>14.22 (0.56)</td>
</tr>
<tr>
<td>5258-RC</td>
<td>1000</td>
<td>±20%</td>
<td>1.0 KHz</td>
<td>0.55</td>
<td>1.0</td>
<td>20</td>
<td>C</td>
<td>12.70 (0.50)</td>
</tr>
</tbody>
</table>

General Specifications
- Rated Current...Inductance drop 10 % or 35 °C temperature rise at I dc
- Operating Temperature
- -55 °C to +105 °C
- Storage Temperature
- -55 °C to +105 °C
- Moisture Sensitivity Level.........1
- ESD Classification (HBM).........N/A

Materials
- Core Material
  - 5218-RC through 5220-RC ........Iron
  - 5230-RC through 5258-RC ........Ferrite
- Wire ................................Enameled copper
- Terminal Coating....................Sn
- Marking .............................Marking on label on bag only

Packaging
- 5218-RC through 5220-RC ...........64 pcs. per bag
- 5230-RC through 5258-RC ...........50 pcs. per bag

Electrical Schematic

Product Dimensions

WARNING Cancer and Reproductive Harm
www.P65Warnings.ca.gov
5200 Series - Hash Choke

L vs I Graphs

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