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>
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</thead>
<tbody>
<tr>
<td>5218-RC</td>
<td>3.35 ±20 %</td>
<td>7.96 MHz</td>
<td>0.010</td>
<td>20 12</td>
<td>A</td>
<td>15.24 (0.60)</td>
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<td>5219-RC</td>
<td>4.9 ±20 %</td>
<td>7.96 MHz</td>
<td>0.016</td>
<td>15 14</td>
<td>A</td>
<td>15.24 (0.50)</td>
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<tr>
<td>5220-RC</td>
<td>8.8 ±20 %</td>
<td>7.96 MHz</td>
<td>0.021</td>
<td>10 16</td>
<td>A</td>
<td>14.22 (0.56)</td>
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<tr>
<td>5230-RC</td>
<td>4.0 ±20 %</td>
<td>7.96 MHz</td>
<td>0.012</td>
<td>8.0 20</td>
<td>B</td>
<td>9.65 (0.38)</td>
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<td>5240-RC</td>
<td>40 ±20 %</td>
<td>1.0 KHz</td>
<td>0.082</td>
<td>3.0 20</td>
<td>D</td>
<td>7.87 (0.31)</td>
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<tr>
<td>5248-RC</td>
<td>68 ±20 %</td>
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<td>0.054</td>
<td>5.0 20</td>
<td>C</td>
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<td>5250-RC</td>
<td>100 ±20 %</td>
<td>1.0 KHz</td>
<td>0.216</td>
<td>2.0 20</td>
<td>E</td>
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<tr>
<td>5252-RC</td>
<td>125 ±20 %</td>
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<td>0.08</td>
<td>3.5 20</td>
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<td>5254-RC</td>
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<td>0.17</td>
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<td>5258-RC</td>
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<td>1.0 20</td>
<td>C</td>
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</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

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

Specifications are subject to change without notice.
The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time.
Users should verify actual device performance in their specific applications.
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