Features
- Bifilar or sector windings
- Toroid core, self-shielding, low radiation
- Wide EMI suppression frequency range
- AEC-Q200 compliant
- RoHS compliant* and Halogen free**

DR334A Series – Line Filter

Electrical Specifications @ 25 °C

<table>
<thead>
<tr>
<th>Bourns Part No.</th>
<th>L (µH), N1 &amp; N2 @ 100 kHz, 0.1 Vrms Leakage 1-4 (µH) @ 100 kHz, 0.1 Vrms (Typ.) (2-3 Short)</th>
<th>DCR (Ω) Max.</th>
<th>Irms (A) Typ.</th>
<th>Z(Ω) Min. @ MHz</th>
<th>Winding</th>
</tr>
</thead>
<tbody>
<tr>
<td>DR334A-113BE</td>
<td>11 ±50 %</td>
<td>0.05 µH</td>
<td>0.12</td>
<td>0.5 A</td>
<td>300 @ 20-300 Bifilar</td>
</tr>
<tr>
<td>DR334A-253AE</td>
<td>25 ±50 %</td>
<td>1.50 µH</td>
<td>0.20</td>
<td>0.5 A</td>
<td>700 @ 20-150 Sector</td>
</tr>
<tr>
<td>DR334A-513AE</td>
<td>51 ±50 %</td>
<td>2.00 µH</td>
<td>0.30</td>
<td>0.5 A</td>
<td>1500 @ 20-100 Sector</td>
</tr>
<tr>
<td>DR334A-104AE</td>
<td>100 ±50 %</td>
<td>0.85 µH</td>
<td>0.10</td>
<td>0.5 A</td>
<td>700 @ 3-20 Sector</td>
</tr>
<tr>
<td>DR334A-474BE</td>
<td>470 ±50 %</td>
<td>0.28 µH</td>
<td>0.28</td>
<td>0.5 A</td>
<td>2000 @ 2-15 Bifilar</td>
</tr>
<tr>
<td>DR334A-105BE</td>
<td>1000 ±50 %</td>
<td>0.29 µH</td>
<td>0.40</td>
<td>0.5 A</td>
<td>2800 @ 1-10 Bifilar</td>
</tr>
<tr>
<td>DR334A-475BE</td>
<td>4700 ±50 %</td>
<td>0.30 µH</td>
<td>0.70</td>
<td>0.2 A</td>
<td>6000 @ 0.5-3 Bifilar</td>
</tr>
</tbody>
</table>

Product Dimensions

Recommended Layout

General Specifications
- Rated Voltage.......... 80 Vdc / 42 Vac
- Hi-Pot (1 sec.)........ 250 Vac/60 Hz, 3 mA
- Operating Temperature ...................................... -40 °C to +135 °C (Temperature rise included)
- Storage Temperature ...................................... -40 °C to +135 °C
- Temperature Rise ............................................. -30 °C max. at rated Irms
- Moisture Sensitivity Level.................................. 1
- ESD Classification (HBM)................................. N/A

Materials
- Core......................... Ferrite, toroid
- Wire......................... Enameled copper
- Terminal.............................. Sn
- Packaging...... 1500 pcs. per 13-inch reel

Typical Part Marking

** 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.
 Users should verify actual device performance in their specific applications.
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DR334A Series – Line Filter

Packaging Specifications

![Diagram of packaging specifications]

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