Features

- RoHS compliant*
- Bifilar or sector windings
- Wide frequency range over 1000MHz
- Rated current 0.2 to 0.5A
- Model DR331 recommended for new designs

DR332 Series Surface Mount Data Line Chokes

Electrical Characteristics (@ 25 °C)

<table>
<thead>
<tr>
<th>Bourns Part Number</th>
<th>L (1-4) @ 100 kHz, 0.1 Vrms (µH)</th>
<th>LL (1-4) @ 100 kHz, 0.1 Vrms (Typ.) (2-3 Short)</th>
<th>RDC (Ω) (Winding) Max. (Ω)</th>
<th>Rated Current Max.</th>
<th>Winding</th>
</tr>
</thead>
<tbody>
<tr>
<td>DR332-113AE</td>
<td>11.0 +25 %</td>
<td>0.05 µH</td>
<td>0.12</td>
<td>0.5 A</td>
<td>Bifilar</td>
</tr>
<tr>
<td>DR332-253AE</td>
<td>25.0 +25 %</td>
<td>1.50 µH</td>
<td>0.20</td>
<td>0.5 A</td>
<td>Sector</td>
</tr>
<tr>
<td>DR332-513AE</td>
<td>51.0 +25 %</td>
<td>2.00 µH</td>
<td>0.30</td>
<td>0.5 A</td>
<td>Sector</td>
</tr>
<tr>
<td>DR332-474AE</td>
<td>470.0 +25 %</td>
<td>0.28 µH</td>
<td>0.28</td>
<td>0.5 A</td>
<td>Bifilar</td>
</tr>
<tr>
<td>DR332-105AE</td>
<td>1000.0 +25 %</td>
<td>0.29 µH</td>
<td>0.40</td>
<td>0.5 A</td>
<td>Bifilar</td>
</tr>
<tr>
<td>DR332-475AE</td>
<td>4700.0 +25 %</td>
<td>0.30 µH</td>
<td>0.70</td>
<td>0.2 A</td>
<td>Bifilar</td>
</tr>
</tbody>
</table>

Note: For tape and reel packaging, add "E" at the end of part number.

Recommended PCB Layout

Schematic

How to Order

DR332 - 513 AE

Model
Value Code
See Model-Value Table
Termination
AE = Cu/Ni/Sn (Lead Free)

Typical Part Marking

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

OBSOLETE
Applications
- For the suppression of EMI in data and signal lines, e.g. CAN Bus