Features
- Semi-shielded construction
- High rated current
- Component height: 4 mm
- Inductance range: 0.5 to 100 µH
- Rated current up to 10 A
- RoHS compliant* and halogen free**

Applications
- DC/DC converters
- Notebook computers
- Digital video cameras
- HDDs
- Cell phones
- Televisions, LCD displays

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** Bourns follows the prevailing definition of "halogen free" in the industry. 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.

The products described herein and this document are subject to specific legal disclaimers as set forth on the last page of this document, and at www.bourns.com/docs/legal/disclaimer.pdf.
SRN8040 Series - Semi-shielded Power Inductors

**Packaging Specifications**

![Diagram of packaging specifications]

**DIMENSIONS:**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
<th>Conversion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter</td>
<td>330 (12.992) DIA.</td>
<td></td>
</tr>
<tr>
<td>21.0 ± 0.8</td>
<td>(.709 ± .031) DIA.</td>
<td></td>
</tr>
<tr>
<td>13.0 ± 0.5</td>
<td>(.512 ± .020) DIA.</td>
<td></td>
</tr>
<tr>
<td>Thickness</td>
<td>18 +0</td>
<td>(.709 +0)</td>
</tr>
<tr>
<td>LEADER 800</td>
<td>12.0 (.472)</td>
<td></td>
</tr>
<tr>
<td>COMPONENTS</td>
<td>4.0 (.157)</td>
<td></td>
</tr>
<tr>
<td>TRAILER 2000</td>
<td>END 4.0 (.157)</td>
<td></td>
</tr>
<tr>
<td>USER DIRECTION OF FEED</td>
<td>1000 PIECES PER REEL</td>
<td></td>
</tr>
</tbody>
</table>

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