SRU1038A Series - Shielded Power Inductors

Features
- Shielded construction
- Inductance range: 1.5 to 330 µH
- Heating current up to 7.2 A
- AEC-Q200 compliant
- RoHS compliant* and halogen free**

Electrical Specifications @ 25 °C

<table>
<thead>
<tr>
<th>Bourns Part Number</th>
<th>Inductance L (µH)</th>
<th>Tol. (%)</th>
<th>@ 100 KHz / 1 V</th>
<th>Q (Ref.)</th>
<th>Test Freq. (MHz)</th>
<th>SRF (MHz) Typ.</th>
<th>DCR (mΩ) Max.</th>
<th>I rms (A)</th>
<th>I sat (A)</th>
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<tr>
<td>SRU1038A-1R5Y</td>
<td>1.5 ±30</td>
<td>14</td>
<td>7.96</td>
<td>65</td>
<td>7.5</td>
<td>7.2</td>
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<td>2.2 ±30</td>
<td>12</td>
<td>7.96</td>
<td>55</td>
<td>10.5</td>
<td>6.8</td>
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<td>SRU1038A-6R2Y</td>
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<td>12</td>
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</table>

How to Order

SRU1038A - 100Y

Model ___________________________
Value Code (see table)

Electrical Schematic

Inductor Connection

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WARNING Cancer and Reproductive Harm www.P65Warnings.ca.gov

** 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.
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SRU1038A Series - Shielded Power Inductors

Soldering Profile

Inductance vs. DC Current Plot

Packaging Specifications

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