Features

- Shielded construction
- Carbonyl powder core
- High saturation current
- Inductance range: 0.1 to 22 µH
- AEC-Q200 compliant
- RoHS compliant* and halogen free**

SRP4020TA Series - Shielded Power Inductors

Electrical Specifications @ 25 °C

<table>
<thead>
<tr>
<th>Bourns Part Number</th>
<th>Inductance @ 100 KHz / 1 V</th>
<th>Q (Min.) @100 KHz / 1 V</th>
<th>SRF (MHz) Typ.</th>
<th>DCR (mΩ) Typ.</th>
<th>DCR (mΩ) Max.</th>
<th>Irms (A)</th>
<th>Isat (A)</th>
<th>Terminal Type</th>
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</thead>
<tbody>
<tr>
<td>SRP4020TA-R10Y</td>
<td>0.10 ±30</td>
<td>5</td>
<td>300</td>
<td>3.2</td>
<td>4</td>
<td>12</td>
<td>35</td>
<td>Lead Frame</td>
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<tr>
<td>SRP4020TA-R22Y</td>
<td>0.22 ±30</td>
<td>10</td>
<td>270</td>
<td>6.6</td>
<td>7.3</td>
<td>11</td>
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<td>SRP4020TA-R33M</td>
<td>0.33 ±20</td>
<td>10</td>
<td>130</td>
<td>7.8</td>
<td>8.6</td>
<td>10</td>
<td>18</td>
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<tr>
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<td>120</td>
<td>11.2</td>
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<td>105</td>
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<td>100</td>
<td>16</td>
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<td>10</td>
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<td>22</td>
<td>27</td>
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<td>30</td>
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<tr>
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<td>2.3</td>
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</table>

How to Order

Model: SRP4020TA - 100M

Recommended Layout

Soldering Profile

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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SRF0504 Series - Line Filter
SRP4020TA Series - Shielded Power Inductors

L vs. I Charts

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L vs. I Charts

SRP4020TA-100M

SRP4020TA-150M

SRP4020TA-220M

Packaging Specifications

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