Sample Kit

ERU Chokes

ERU 33, PTH flat wire high current inductors – B82559A*A033

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### ERU Chokes – ERU 33, PTH flat wire high current inductors – B82559A*A033

<table>
<thead>
<tr>
<th>Parameter</th>
<th>LR (µH)</th>
<th>3.2</th>
<th>3.5</th>
<th>4.7</th>
<th>6.0</th>
<th>6.8</th>
<th>10.0</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>I_{sat 25 °C}</strong></td>
<td>A</td>
<td>95.0</td>
<td>87.0</td>
<td>81.0</td>
<td>62.0</td>
<td>56.0</td>
<td>36.0</td>
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<tr>
<td><strong>I_{sat 100 °C}</strong></td>
<td>A</td>
<td>83.0</td>
<td>77.0</td>
<td>71.0</td>
<td>55.0</td>
<td>47.0</td>
<td>32.0</td>
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<tr>
<td><strong>IA</strong></td>
<td>A</td>
<td>58.0</td>
<td>57.5</td>
<td>45.5</td>
<td>50.0</td>
<td>47.5</td>
<td>46.0</td>
</tr>
<tr>
<td><strong>R_{DC,typ}</strong></td>
<td>mΩ</td>
<td>0.85</td>
<td>0.85</td>
<td>1.20</td>
<td>1.20</td>
<td>1.20</td>
<td>1.20</td>
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<tr>
<td><strong>Pin thickness</strong></td>
<td>mm</td>
<td>1.50±0.20 mm</td>
<td>1.50±0.20 mm</td>
<td>1.25±0.20 mm</td>
<td>1.25±0.20 mm</td>
<td>1.25±0.20 mm</td>
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<tr>
<td><strong>Ordering code</strong></td>
<td></td>
<td>B82559* A4322A033</td>
<td>A4352A033</td>
<td>A5472A033</td>
<td>A5602A033</td>
<td>A5682A033</td>
<td>A5103A033</td>
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</table>

### Construction:
- Size: 33 mm x 33 mm
- Height max: 15.4 mm
- Operating temperature: -40 ... +150 °C
- Packaging: Tray

### Features:
- High rated current
- Low DC resistance
- RoHS-compatible
- Easily customized
- AEC-Q200 qualified

### Applications:
Energy storage chokes for
- DC/DC converters
- Buck/Boost choke for 48 V board net converters
Important information: It is incumbent on the customer to check and decide whether a product is suitable for use in a particular application. Our products are described in detail in our data sheets. Our Important notes and the product-specific Cautions and warnings must be observed. All relevant information is available through our sales offices.