**FEATURES**

- Filtering choke
- UL94 and RoHS materials
- AEC-Q200 qualified
- Weight: approx. 70 grams

**APPLICATIONS**

- Automotive HV/LV DCDC onboard converters

**OPERATION**

- Output filtering choke 1 uH 200 kHz
- Copper losses: 14 W @50°C (180 Adc)
- Copper losses: 17 W @100°C (200 Adc)
- Operating temperature: -40/+125°C
- Mounting on cold plate @+65°C MAX

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>ELECTRICAL SPECIFICATIONS</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>L (200kHz/1Vac)</td>
<td>1 uH ±10%</td>
</tr>
<tr>
<td>DC RESISTANCE at 25°C</td>
<td>0.32mΩ TYP (0.37mΩ MAX)</td>
</tr>
<tr>
<td>DIELECTRIC STRENGTH</td>
<td>0.48</td>
</tr>
<tr>
<td>Between Winding / Core</td>
<td>500Vac (50/60Hz/3mA/2min)</td>
</tr>
</tbody>
</table>

**OUTPUT FILTERING CHoke 1 µH / 180-200 Adc**

**GENERAL CATALOGUE 2023**