PFC Choke 260μH / 8Arms / 15Apk / 100kHz

**APPLICATIONS**
- Automotive EV/PHV AC/DC onboard battery chargers

**FEATURES**
- PFC Choke for interleaved 3.5kW operation
- Sendust core performant and cost effective solution
- Wide operating temperature range -40 to +140°C
- UL94 and RoHS materials
- AEC-Q200 qualified
- Weight: approx 110grams

**OPERATION**
- Up to 8Arms / 15Apk
- Ripple up to 8Apeak @100kHz
- Total losses < 6W @100°C/8Arms+ripple
- Estimated temperature rise on PCB < 40°C

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>ELECTRICAL SPECIFICATIONS</th>
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<tbody>
<tr>
<td><strong>INDUCTANCE at 25°C</strong></td>
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<tr>
<td>L0 (100kHz/1Vac)</td>
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<tr>
<td>L15A (100kHz/1Vac/15Adc)</td>
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<td><strong>DC RESISTANCE at 25°C</strong></td>
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<td>DCR</td>
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**ELECTRICAL DIAGRAM**

**PFC INTERLEAVED OPERATION**

**DIMENSIONS**

**TYPICAL PERFORMANCES**

**Typical Drop of Inductance vs. Current**