### 01 FEATURES
- A total 12.5 kW part enclosed in a whole aluminum housing.
- Operating temperature -40 to 150ºC
- Primary Current 40 Arms
- Secondary Current 80 Arms
- Approx weight: 4710g

### 02 SPECIFICATIONS

#### ELECTRICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>TURN RATIO</th>
<th>2:1</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRIMARY INDUCTANCE</td>
<td>(1V / 100kHz)(1-2, 3-4 open) 3400µH min.</td>
</tr>
<tr>
<td>SECONDARY INDUCTANCE</td>
<td>(1V / 100kHz)(3-4, 1-2 open) 850µH min.</td>
</tr>
</tbody>
</table>
| LEAKAGE INDUCTANCE | (1V / 100kHz) 1-2, 3-4 shorted 119µH ± 5%
3-4, 1-2 open 29.8 µH ± 5% |
| DC RESISTANCE | 1-2 20mΩ typ.
3-4 6mΩ typ. |
| DIELECTRIC STRENGTH | Primary to secondary winding 1500 Vac 50/60Hz (0.5mA, 1min) |

#### INDUCTIVE COMPONENTS / OFFBOARD CHARGER TRANSFORMERS

| PRIMARY INDUCTANCE | 3400µH min. |
| SECONDARY INDUCTANCE | 850µH min. |
| LEAKAGE INDUCTANCE | 119µH ± 5%
29.8 µH ± 5% |
| DC RESISTANCE | 20mΩ typ.
6mΩ typ. |
| DIELECTRIC STRENGTH | 1500 Vac 50/60Hz (0.5mA, 1min) |

#### ELECTRICAL DIAGRAM

![Electrical Diagram](image-url)