**APPLICATIONS**

- Automotive HV/LV DC/DC onboard converters

**FEATURES**

- High power planar output filtering choke
- UL94 and RoHS materials
- AEC-Q200 qualified
- Weight: approx 70grams

**OPERATION**

- Output filtering choke 1µH / 180Adc 200kHz
- Inductance value at MAX current: \( L_{dc} > 0.9\mu H \) @200Adc
- Copper losses: 15W @100°C (±50Adc)
- Iron losses: negligible with MAX 35App ripple of current @200kHz
- Operating temperature -40/+125°C
- Mounting on cold plate @+75°C MAX

**SPECIFICATIONS**

- **INDUCTANCE at 25°C**
  \( L \) (100kHz/1Vac) 1µH ±10%

- **DC RESISTANCE at 25°C**
  \( R \) 0.35mΩ TYP (0.45mΩ MAX)

- **DIELECTRIC STRENGTH**
  Between Winding/Core 500Vac (50Hr/3mA/1min)