PFC Choke for interleaved 3.5kW operation
- Amorphous core for higher efficiency
- Wide operating temperature range -40 to +140°C
- UL94 and RoHS materials
- AEC-Q200 qualified
- Weight: approx 120 grams
- Up to 8Arms / 15Apk
- Ripple up to 5App @90kHz
- Total losses < 5W @100°C/8Arms+ripple
- Estimated temperature rise on PCB < 35°C

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

01 FEATURES

02 OPERATION

SPECIFICATIONS

INDUCTANCE at 25°C
- L0 (10kHz/0.3Vac) 500µH ±10%
- L15A (10kHz/0.3Vac/15Adc) 175µH MIN
- L22A (10kHz/0.3Vac/22Adc) 115µH MIN

DC RESISTANCE at 25°C
- DCR 50mΩ TYP (60mΩ MAX)