RINDLP36R-5
LLC Parallel Resonant Ind. 36µH/5Apk 100-250kHz

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

FEATURES
- Parallel resonant choke for 3.5kW half-bridge LLC
- Works with Lp = 36µH and Cr = 312nF
- Frequency range 100-250kHz
- UL94 and RoHS materials (F/155°C)
- AEC-Q200 qualified
- Weight: approx. 45 grams

OPERATION
- Vin = 200-430Vdc / Vout = 200-430Vdc
- RMS current 3Arms MAX
- Operating temperature -40/+140°C with cooling (potting)

SPECIFICATIONS
- Inductance at 25°C: L(100kHz/1Vac/0-29Adc) = 36.1µH ±5%
- DC Resistance at 25°C: R = 35mΩ TYP (42mΩ MAX)
- Dielectric Strength: Between Windings/Core = 500Vac (50Hz/3mA/1min)*
- (*) 1min in qualification / 2sec in mass production