**CMCN4R3-16H3**

**CMC 3P+N 4x4.3mH / 16+16+16+48Arms**

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

**FEATURES**
- 3-phase + neutral CMC using nanocrystalline core
- Optimized size for higher power density
- Wide operating temperature range -40 to +140°C
- UL94V and RoHS materials
- AEC-Q200 qualified
- Weight: approx 120 grams

**OPERATION**
- Up to 3x16 Arms+48 Arms (or 2x48 Arms single-phase)
- Total losses < 12W @100°C /3x16 Arms+48 Arms
- Cooling of the windings is required in the application

**SPECIFICATIONS**
- **4.3mH TYP (2.8-5.8mH)**
- **1:1:1:1**
- **4.3mΩ TYP (5.5mΩ MAX)**
- **2.5mΩ TYP (3.2mΩ MAX)**
- **1500Vac (50Hz/3mA/1min)**

**ELECTRICAL DIAGRAM**

**DIMENSIONS**

**ELECTRICAL SPECIFICATIONS**