**CMCN2R1-16H**

Common Mode Choke 2x10mH 10kHz 16A

**INDUCTIVE COMPONENTS / COMMON MODE CHOKES**

**APPLICATIONS**

> Automotive EV/PHV AC/DC onboard battery chargers
> Automotive HV/LV DC/DC converters

**FEATURES**

> Topology H-CMC
> Rated current 16 A
> Operating temperature -40°C to +150°C
> Storage temperature -25°C to +85 ºC

**SPECIFICATIONS**

**INDUCTANCE at 25°C**

\[
L1 - 2 = L4 – 3 (10 kHz / 0.3Vac)
\]

10 mH TYP (6.2 - 14.6 mH)

**TURN-RATIO**

\[
W1 - 2 /W4 – 3
\]

12 : 12

**DC RESISTANCE at 25°C**

\[
RDC1 - 2 = RDC4- 3
\]

5 mΩ TYP (6 mΩ MAX)

**LEAKAGE INDUCTANCE**

\[
LLK 1 – 2 (100 kHz / 1Vac/ other windings shorted)
\]

6.5 µH TYP (4.97-8.5µH)

**DIELECTRIC STRENGTH**

Between Windings 2500 Vdc (3 mA; 2 sec)