

Tough power conversion

High-Reliability inductors for harsh environments

Power inductors for tough applications where size, performance and reliability matter. The low-profile AEC-Q200-qualified inductors are suited to tough industrial and automotive applications. They are backed by specialist support and are sampling now from Charcroft.

Low profile, low loss and high-density inductors (HA66)

- High power per unit volume
- 1kHz up to 3MHz frequency range
- High saturation current to 4.4A
- Miniature, magnetically shielded
- 2.5 to 220 μ H inductance range
- 0.018 to 0.820 Ω DC resistance
- 1.22 to 11.2A Irms values
- 40°C maximum temperature rise



Compact lightweight moulded power inductors (HA72L)

- Up to 80A saturation current
- Composite moulded core
- Magnetically shielded
- 0.1 to 100 μ H inductance range
- Resistant to corrosion in humid environments
- Switching frequency up to 3MHz
- -55 to +155°C temperature range
- 1.2 to 60A heating current range



High-efficiency common mode chokes (HA19)

- Improved EMI robustness
- Withstand high transient inrush current spikes
- Noise suppression
- Reduced common-mode conducted emissions
- Reduced line-conducted interference
- 11 to 75 μ H inductance range
- 26.5 to 44A current range



Request a sample:
request@charcroft.com



Charcroft: Challenge Accepted

charcroft
ELECTRONICS
www.charcroft.com

Email: request@charcroft.com Tel: 01591 610408

Passives, power, interconnect, emech and more



Debbie Rowland

Director

debbie.rowland@charcroft.com



Roger Tall

Passives, Hi-rel Semis & Opto Specialist
roger.tall@charcroft.com