

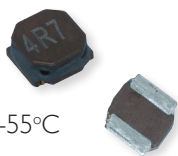
Innovation in Power Electronics

Latest components from TT Electronics plc

TT Electronics continue to expand their range of components for power-electronics with the new HA74 Low-profile surface-mount inductor. The HA74 is mechanically robust, offers a higher inductance value and higher saturation current capability. The lower DC resistance offers a lower temperature rise performance.

HA74 Low-profile surface-mount inductor

- 5.5mm² miniature power inductor
- AEC-Q200 qualified, targeted at high-reliability applications
- Mechanically robust design, rated for -55°C to 155°C operation
- Inductance up to 33µH, high saturation currents, low DCR



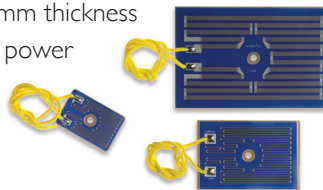
LRMAP series of low-resistance, high-power shunt resistors

- Stable, accurate measurement of AC and DC current up to 200A
- Power ratings up to 10W on standard FR4
- 15W on DBC or IMS materials
- AEC-Q200 qualification



WDBR-UL thick-film on steel power resistors

- UL recognised: creepage, clearance & power ratings in accordance with UL508 (UL file E238661)
- Ultra-low profile <2mm thickness
- High rated/overload power 1.4kW/12kW
- Isolation to 2.5kV



Markets:

Aerospace, automotive, transportation, rail, industrial

Applications:

DC-DC converters, inverters, BMS, dynamic braking & load-dump/discharge



**Charcroft and TT Electronics working together
to bring you innovation in Power Electronics**

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