

Come straight to the **Experts** for **Rugged Passives** & **Optical Sensors**



Supporting design for harsh and high-end applications

As a specialist distributor, Charcroft can find the answer to your passive and optical-sensor design challenges from within a franchise linecard of 20 global and specialist manufacturers. This includes the latest developments in high-temperature, high-voltage, high-precision and ruggedised passives and optical sensors as well as 'form, fit & function' upgrades for legacy devices. A UK manufacturing facility means that a solution could be created as a custom build or a modification to a standard component.

Capacitors for rugged applications: COTS, AEC-Q200, CECC/Mil

High-reliability, high-performance polymer electrolytic

- First polymer electrolytic with KO-CAP® Reliability Assessment
- Polymer electrolytic up to 125°C or 75V DC

Rugged wet tantalum

- Shock <100g & vibration, <50g

Long-life aluminium electrolytic

- 2000h at 145°C

High-power RF & microwave

- Ultra Hi-Q, low ESR MLCCs
- Miniaturised RF trimmers



EXXELIA GROUP

Resistors for precision and high performance

- Water-insoluble tantalum nitride resistors for precision & signal conditioning
- Metal-alloy current-sense resistors

Tt Electronics
Make Possible

Optical sensors for industrial sensing and control

- Reflective object sensor
- Auto-calibration fluid sensor/bubble detector
- Slotted switches

Tt Electronics
OPTEK



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www.charcroft.com

Email: request@charcroft.com Tel: 01591 610408

Passives, power, interconnect, emech and more

Knowledge of yesterday ■ Looking after today ■ Supporting tomorrow.



Debbie Rowland

Director

debbie.rowland@charcroft.com



Roger Tall

Passives, Power ICs & Opto Specialist

roger.tall@charcroft.com