

Steel-based Power Resistors

Thick-film power resistors on a rugged, ultra-low profile steel-substrate

TT Electronics' WDBR power resistors combine thick-film technology and a steel substrate to deliver extreme ruggedness with an ultra-low profile, low mass and peak pulse capability up to 7kW.

Designed for high-power applications operating in extreme conditions, the WDBR power resistors withstand the demands of industrial applications as well as the military, aerospace, hybrid and electric vehicles (EV/HEV) sectors.

WDBR thick-film on steel power resistors

- 500W to 7kW peak power
- Single-fixing heatsink mountable
- Flying lead, push-on or solder terminations
- Low inductance down to $<3\mu\text{H}$
- High isolation, even after failsafe overload fusing
- 12 to 150 Ω resistance range
- RoHS compliant, non-flammable construction

Applications

- Inrush limit
- Snubber circuits
- Dynamic braking



www.charcroft.com/WDBR

Charcroft: Challenge Accepted



Email: request@charcroft.com Tel: 01591 610408

Passives, power, interconnect, emech and more



Roger Tall

Passive, Hi-rel Semi & Opto Specialist
roger.tall@charcroft.com