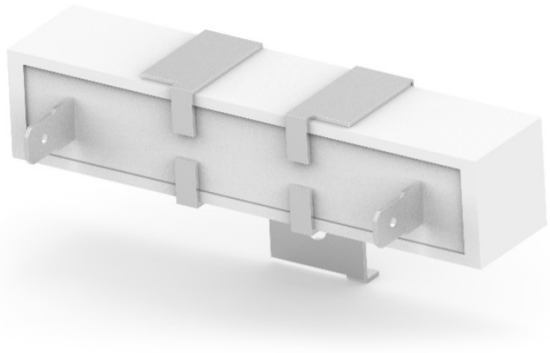
INTRODUCING

CEMENT HOUSED HIGH POWER RESISTOR

SQ SERIES

- **High power ranges offerings**
- **AEC-Q200 qualification on certain models**



TE Connectivity (TE)'s flexible range of power wire wound resistors either have wire or power oxide film elements. The SQ series resistors are wound or deposited on a fine non-alkali ceramic core then embodied in a ceramic case and sealed with an inorganic silica filler. This design provides a resistor with high insulation resistance, low surface temperature, excellent T.C.R., and entirely fireproof construction. These resistors are ideally suited to a range of areas where low cost, and efficient thermal performance are important design criteria. Metal film cores adjusted by laser spiral are used where the resistor value is above that suited to wire. Similar performance is obtained although short time overload is slightly derated

APPLICATIONS

- Automotives
- Appliances
- Servo drives
- Battery energy storage systems

LEARN MORE

- Cement housed high power resistor datasheet
- Cement housed high power resistor part list
- Cement housed high power resistor product page
- Cement housed high power resistor images

BENEFITS

- High power ranges offerings
- AEC-Q200 qualification on certain models
- Availability of choice of styles
- Higher stability from available bracketed types
- Operating temperature -55°C to +155°C
- Wide value range based on power requirements and pulse load capabilities
- Stable TCR 300PPM/°C
- Custom designs offering flexibility
- Inorganic flame-resistant construction
- Anti-pulse load capability on select models