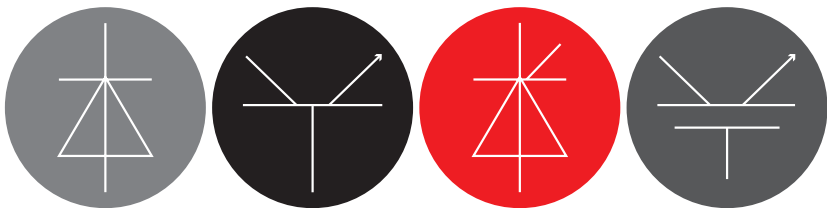




PRODUCTS FOR
AEROSPACE, MILITARY
& DEMANDING
APPLICATIONS



John G Peck Ltd

Specialist Distributor of Power Electronic Components



PRODUCTS FOR
AEROSPACE, MILITARY
& DEMANDING
APPLICATIONS

Specialists in power semiconductors
and accessories, we offer a wide range of solutions

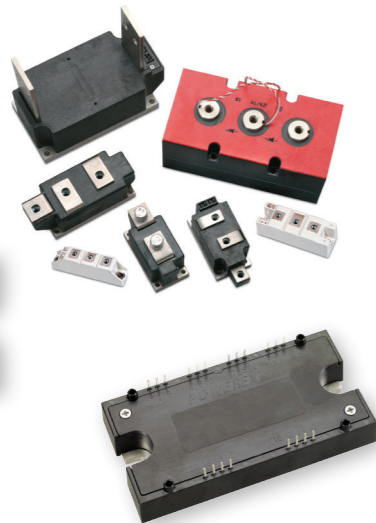
Power Semiconductors

Designed and manufactured by



IGBT
MOSFET
Silicon Carbide
Thyristors
Diodes
Power Modules

Increased Qualification
Burn-In Testing
High Temp Materials
Custom Topologies
Custom Packages

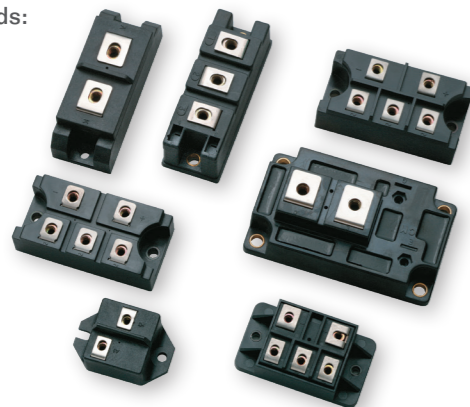


MIL-qualified facility for
Group A, B and C testing.
Including HAST, IOL, Thermal Cycle, Shock
& Vibration and Destructive Physical Analysis.

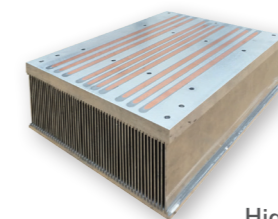
ISO 9001:2015 and AS9100D certified.
Registered with the DDTC and ITAR compliant.

Achievable standards:

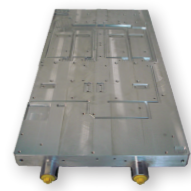
- MIL- STD 810
- MIL- STD 202
- MIL- STD 750
- MIL- STD 833
- MIL- PRF 19500
- MIL- STD 1580
- MIL- PRF 38534



Cooling, Protection, Busbars and Capacitors



High Performance
Cooling Solutions



Designed
and manufactured by



Laminated, Flexible
and Standard Busbars

Designed and manufactured by



Film and Electrolytic
Capacitors

Designed and manufactured by



Designed
and manufactured by



Fuses, Holders
and Surge Protection

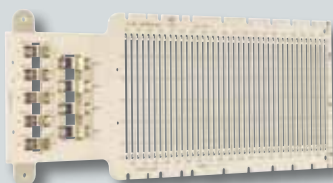
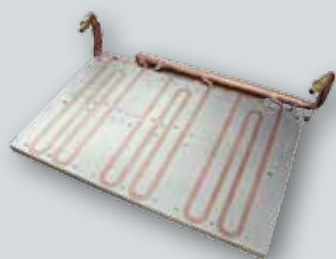
Our technical support

Given the specialist nature of our
product range, it is essential we offer
our customers a high level of technical
support from design to production...

- We have one of the strongest and experienced power electronics technical teams in UK distribution
- Local technical support is backed by the application engineering teams of our suppliers
- We are active in promoting face to face meetings or technology updates with our supplier base
- Simulation tools and services are offered to support selection of the right product
- Fast response times are our priority



SAFETY,
RELIABILITY
AND PROTECTION
FOR MILITARY
AND DEFENSE
APPLICATIONS



**Serving the Power
Electronics Market**

- **Cooling**
- **Bus Bars**
- **Fuses**

**SERVING THE POWER
ELECTRONICS MARKET
COOLING • BUS BARS • FUSES**

SOLUTIONS FOR POWER MANAGEMENT FROM MERSEN



DEFENSE AND MILITARY APPLICATIONS: RELIABILITY IS THE PRIME OBJECTIVE

Uncompromising performance and reliability are a must for defense and aerospace systems. That is why laminated bus bars and cold plates designed by Mersen are commonplace in a wide range of defense applications, including missile guidance equipment, phase array radar systems, sonar and radar tracking stations, airborne equipment, tanks, submarines, and numerous space programs.

Mersen's laminated bus bars superior electrical characteristics help defense systems achieve maximum electrical performance and efficiency. Laminated bus bars are also known to provide the most compact

means of packaging, achieving the highest overall system performance where physical space is a premium.

Mersen's cold plates are designed to withstand harsh environment and provide a solid and reliable cooling solution for ever demanding military applications. All of Mersen cold plates are simulated, prototyped and tested before installation in the field to ensure optimum efficiency and long service life. Mersen's broad range of true and tested semiconductor protection fuses offer sensitive electronics an unsurpassed level of protection against damaging overcurrent.

Mersen's Rochester, NY plant is registered under the ITAR with the U.S. State Department's Directorate of Defense Trade Controls (DDTC) and our Mississauga, Ontario plant is registered with Canada's Controlled Goods Program.



AEROSPACE POWER DISTRIBUTION



MIXED COPPER AND ALUMINUM HEATSINK



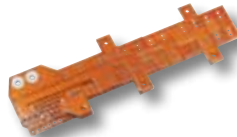
HIGH CURRENT BOARD BUS BAR



SEMICONDUCTOR PROTECTION FUSES



COLD PLATE



POWER BACKPLANE



SEMICONDUCTOR PROTECTION FUSES



ALTERNATIVE ENERGY



TRANSPORTATION



INDUSTRIAL



DESIGN • SIMULATIONS • TESTING •



MILITARY



SOLUTIONS FOR SiC APPLICATIONS

Mersen is your supplier of choice for power management solutions for various industries. Contact us at ep.mersen.com for more information.