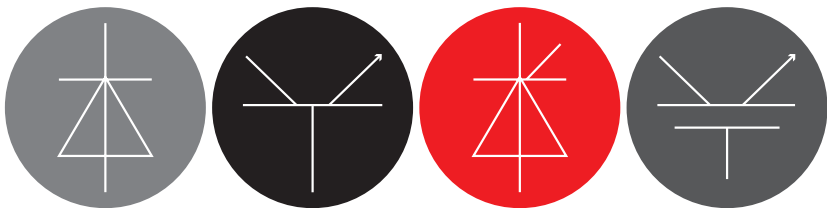




PRODUCTS FOR
AEROSPACE, MILITARY
& DEMANDING
APPLICATIONS



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

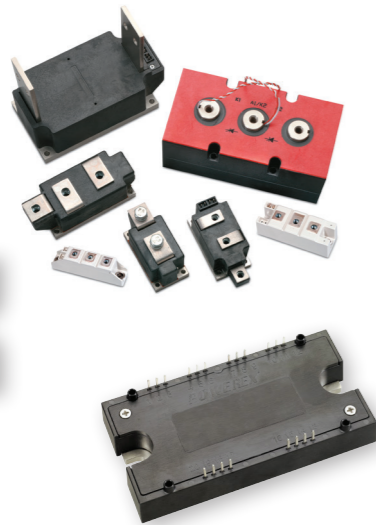
Power Semiconductors

Designed and manufactured by



IGBT
MOSFET
Silicon Carbide
Thyristors
Diodes
Power Modules

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

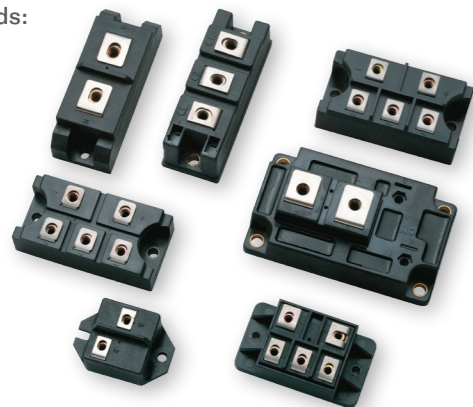


MIL-qualified facility for
Group A, B and C testing.
Including HAST, IOL, Thermal Cycle, Shock
& Vibration and Destructive Physical Analysis.

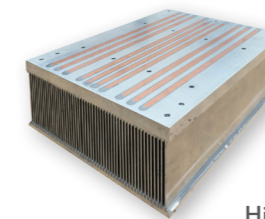
ISO 9001:2015 and AS9100D certified.
Registered with the DDTC and ITAR compliant.

Achievable standards:

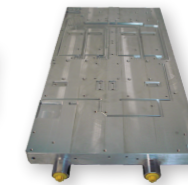
- MIL- STD 810
- MIL- STD 202
- MIL- STD 750
- MIL- STD 833
- MIL- PRF 19500
- MIL- STD 1580
- MIL- PRF 38534



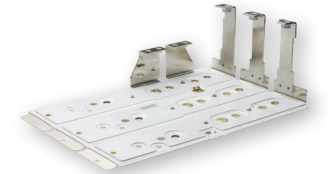
Cooling, Protection, Busbars and Capacitors



High Performance
Cooling Solutions

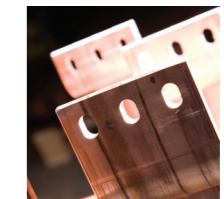


Designed
and manufactured by
MERSEN



Laminated, Flexible
and Standard Busbars

Designed and manufactured by



Film and Electrolytic
Capacitors

Designed and manufactured by



Designed
and manufactured by
MERSEN

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



John G Peck Ltd



POWER SEMICONDUCTORS

IGBT	✓										
High Voltage IGBT	✓										
Intelligent Power Modules (IPM)	✓										
Automotive IGBT	✓										
MOSFETS	✓										
Silicon Carbide	✓		✓								
Custom Modules (SiC, IGBT, etc)			✓	✓							
Diodes			✓								
Thyristors			✓								
Rectifiers			✓								

DRIVERS & TRIGGER CIRCUITS

IGBT Gate Drivers						✓					
HV Gate Drivers				✓							
DC-DC Converters						✓					

BUSBARS

High Current PCB		✓									
Laminated Busbars for Inverters		✓									
Automotive Busbars		✓									
Battery Cell Busbars		✓									
Flexible BMS Busbars with Integrated Sensors		✓									
Liquid Cooled Busbars		✓									
Custom Solutions		✓									

COOLING

Extruded Heatsinks		✓									
Pressed Fin Heatsinks		✓									
Liquid Cooled Heatsinks		✓									
Heat Pipes		✓									
Axial Fans & Blowers										✓	

THERMAL INTERFACE MATERIALS

Thermal Pads & Compounds									✓		
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MEASUREMENT & PROTECTION

Current Sensors				✓							
Voltage Sensors				✓							
Semiconductor Fuses		✓									
EV & Battery Fuses		✓									
Over Current Protection Devices		✓									

PASSIVES

Electrolytic Capacitors		✓				✓					
Film Capacitors		✓*					✓				
PFC Capacitors		✓					✓				
Power Capacitors		✓*					✓				
Power Resistors								✓			
Chokes											✓
Switching & Snubber Capacitors							✓				

*Fischer and Tausche (F&T) are now part of the MERSEN Group.