

SPECIALISTS IN POWER ELECTRONIC COMPONENTS AND ASSEMBLIES



- Semiconductor Die & Wafer
- SiC Power Semiconductors
- Diodes / Rectifiers
- Thyristors / SCRs
- Power Modules
- MOSFETs
- IGBTs
- Thermistors
- Power Capacitors
- Power Resistors
- Dynamic Braking Resistors



- High Power IGBTs (1700V+)
- SiC MOSFETs (EV Module)
- Diode / Rectifier Puks
- Thyristor / SCR Puks
- GTOs
- IGCTs



- Extruded Heat Sinks
- Welded Heat Sinks
- Bonded Fin Heat Sinks
- SkivedMecc Technology
- Profilmec & ProfilmecPlus Technology
- Customer Water Cooled Heat Sinks
- Copper Tube Embedded Chill Plate



PETERCEM

- High Power Current Sensors
- High Power Voltage Sensors
- High Power Voltage Detectors



- Diode / Rectifier Modules
- Thyristor / SCR Modules
- Diode / Rectifier Puks
- Thyristor / SCR Puks
- Insulated Power Modules



- Diode / Rectifier Modules
- Thyristor / SCR Modules
- Diode / Rectifier Puks
- Thyristor / SCR Puks
- Diode / Rectifier Studs
- Thyristor / SCR Studs



- Single Phase Bridge Modules
- Three Phase Bridge Modules
- Diode / SCR Modules
- Custom Modules
- Pressfit Diode Plate Assemblies



- Diodes / Rectifiers
- Thyristors / SCRs
- IGBT Modules
- Diode / SCR Modules



- High Power Diodes / Rectifiers
- High Power Thyristors / SCRS
- Custom Power Semiconductors



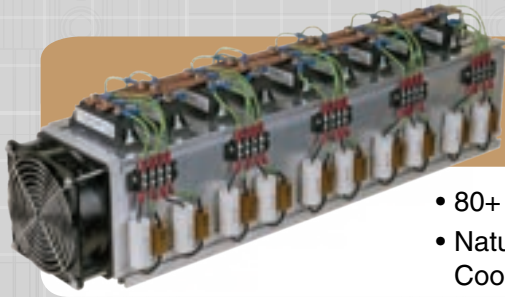
- Extruded Heat Sinks
- Diode / SCR Assemblies
- Bonded Fin Heat Sinks
- IGBT Assemblies
- Liquid Chill Plates
- Semiconductor Clamps



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HEAT SINK SEMICONDUCTOR ASSEMBLIES

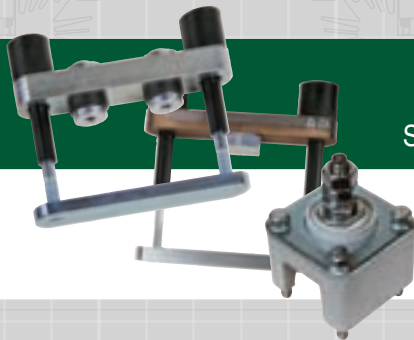
Fully built Semiconductor Assemblies custom created per the customer's specifications. Available in both air cooled and liquid cooled configurations.

- 80+ Standard Assembly Designs
- Natural, Forced, and Liquid Cooled Designs
- Current Range of 50A to 50,000A
- Voltage Range of 100V to 8,500V

THERMAL MANAGEMENT

High performance cooling solutions for a variety of high power applications.

- Extruded Heat Sinks
- Bonded Fin Heat Sinks
- Liquid Chill Plates
- Liquid Chill Blocks
- Custom Configurations Available



SEMICONDUCTOR CLAMPS

Complete line of Box Clamps and Bar Clamps for Hockey Puk Semiconductors, precalibrated to simplify procedures on the assembly line.

- 5kN – 130kN
Precalibrated Forces
- Precision Clamps Available
- Custom Configurations Available

HIGH POWER SEMICONDUCTORS

Modules, Stud-Types, and Puk (disc) packages available in a wide range of electrical ratings.

- IGBT & MOSFET
- Thyristor (SCR)
- Rectifier (Diode)
- Silicon Carbide (SiC)
MOSFETs, IGBTs, and Diodes



POWER CAPACITORS

High power capacitors for a wide variety of industrial electronic applications.

- Aluminum Electrolytic
- Film
- Heavy Current Power
- Energy Storage

POWER RESISTORS

High power ratings, large resistance range, excellent stability, also available in Heat Sink mountable packages.

- Wirewound
- Thick Film
- Grid Resistors
- Custom Configurations Available

