

COMPACT POWER

PCIH, PCIC, PCIB, PCIM, PCIA SERIES

PLUG-IN POWER INTERFACE FOR COMPACTPCI AND OTHER PLATFORMS

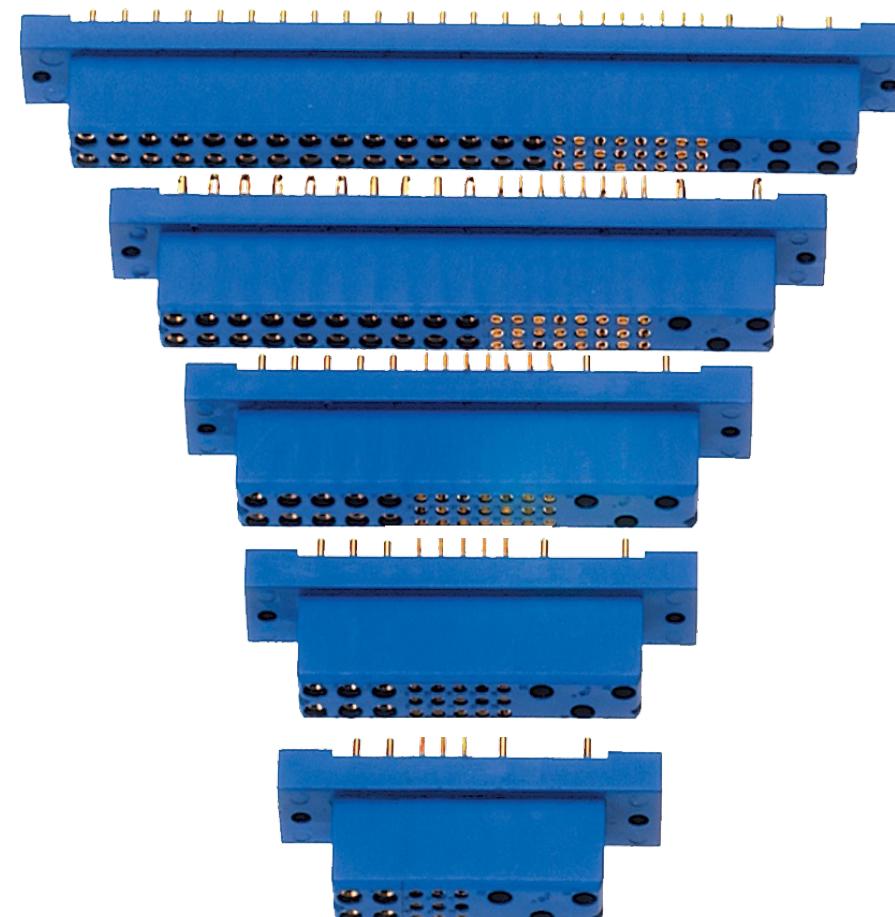


- High current through a small package
- Three level sequential mating
- A.C. or D.C. input, output and power management in a simple package
- Multiple power contacts provide efficient current distribution of multi-voltage outputs
- Multiple output contacts can be paralleled for the increased current requirements of distributed power applications
- Superior blind mating

APPLICATIONS

- Power Supply Units
- Ground-based Defense Systems
- Electric Vehicles

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E-mobility and Robotics products below.*

E-MOBILITY

Positronic®
an Amphenol company

FEATURES & BENEFITS

- Best-in-class power efficiency ensures minimum power loss and heat buildup.
- Multiple power contacts provide durable performance during long life cycle.
- Excellent performance-to-cost ratio minimizes the cost of ownership.
- Excellent linear current density allows for more capacity in smaller packaging.

APPLICATIONS

- EV charging stations
- Inside-the-block power distribution
- Battery charging bays
- Power and signal I/O
- Rack mount power supplies

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ROBOTICS & AUTOMATION

Positronic®
an Amphenol company

FEATURES & BENEFITS

- Non-magnetic connectors preserve high current density and reliability of sensitive instruments and sensors.
- Advanced materials ensure durability and reliability during long life cycle.
- Vibration and shock resistance ensure reliable performance of power, data, and signals within robotic systems and automated processes. They reduce the risk of damage to sensors, actuators, and control units, ensuring precise and responsive robot movements. Their reliability, modularity, and environmental resilience are critical for the success of automation, driving innovation and efficiency in the modern workforce.
- EM/RFI shielding protects sensitive electronics from external electromagnetic and radio frequency interference.
- Best-in-class power efficiency ensures minimum power loss and heat buildup.
- Durable connectors provide stable, durable performance during long life cycle.
- Excellent performance-to-price ratio allows for cost-effective engineering.
- Excellent linear current density allows for more capacity in smaller packaging.
- A variety of backshells are available to accommodate specific connection needs for optimal performance.

APPLICATIONS

- Advanced Robotics
- Automated Guided Vehicles
- Automated Guided Vehicles
- Collaborative Robots
- Cobots
- Data Robots
- SCARA Robots

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