

## INTRODUCING

# CROWN CLIP SR. 420A POWER CONNECTORS

- Compact, high-current, and blind-mate design allows for ease of use in next generation high power applications. Blind mate capability that minimizes misalignment up to  $\pm 2$  mm with angled floating capabilities.
- Features a silver-plated copper alloy for conductivity, designed to mate with a 3 mm thick plated busbar, providing a separable connection.
- Large product portfolio that allows for multiple customizable options and installation applications, all while maintaining an efficient and stable supply chain.

TE Connectivity's (TE) CROWN CLIP Sr. 420A power connector is a compact, high current connector for busbar power distribution using the popular CROWN BAND contact technology. The connector family provides a heavy-duty 12V/48V power solution to support next-generation architectures in server, storage, data center, and switch applications. The connector mates to a 3.0 mm thick plated busbar that provides a separable interface to ease assembly, inspection and trouble shooting.

## APPLICATIONS

- Data Centers and Networking:
  - Server Power
  - Rack Mount Power
  - Storage Solutions
  - Networking Switches
- Renewable Energy Systems:
  - Electric Vehicle Charging Stations
- Industrial Power:
  - Manufacturing and Assembly Lines
  - Large-scale Commercial Buildings

## KEY BENEFITS

- Ease of installation assured by utilizing blind mate features, providing functionality that minimizes misalignment.
- Provides significant power capability for 12V and 48V next generation applications that require a large amount of power.
- Large product portfolio and global product support network that allows for supply chain stability, and high quality manufacturing standards help ensure a sturdy and heavy-duty product.

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