



CROWN CLIP SR. 420A POWER CONNECTORS

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 3.0mm thick plated busbar that provides a separable interface to ease assembly, inspection and trouble shooting.

APPLICATIONS

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

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KEY BENEFITS

- Ease of installation utilizing blind mate features, providing functionality minimizing 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 allow for supply chain stability, while high quality manufacturing standards help ensure a sturdy and heavy-duty product.

PRODUCT FEATURES

- Compact, high-current, and blind-mate design allowing for ease of use in next generation high power applications.
- Blind mate capability with minimizing misalignment up to +/-2mm with angled floating capabilities.
- Builds on the successful CROWN BAND contact technology.
- Features a silver-plated copper alloy for conductivity, designed to mate with 3mm thick plated busbar providing a separable connection.
- Large product portfolio allows for multiple options and installation applications, while maintaining an efficient and stable supply chain.

CROWN CLIP SR. 420A POWER CONNECTORS

PART NUMBER

| Part Number | Description |
|---------------------------|-------------------------------------|
| 2204700-1 | CROWN CLIP Sr. 420A Power Connector |

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