

# CP Series Power Connectors

Power connectors are specialized electrical connectors designed for secure, high-current, and low-resistance transmission. Key features include high voltage/current ratings, durable housing with safety mechanisms, and specialized plating to prevent corrosion and minimize energy loss in harsh industrial environments.

## Product Features

### • High Current Capability:

Supports AWG #12 / #14 / #16 wires, providing a maximum current rating of up to 23A depending on circuit configuration.

Suitable for medium-to-high power distribution in industrial or automotive environments.

### • Robust & Heat-Resistant Materials:

Headers use LCP 94V-0 GWT for excellent thermal stability and high-temperature tolerance.

Receptacle housings are made of PBT 94V-0, ensuring high durability and flame resistance. Reliable Electrical Performance

Rated voltage up to 600V AC (r.m.s.), supporting high-power system design.

High-conductivity copper alloy terminals with optional tin, 15u" gold , or 30u" gold plating for optimized contact performance.

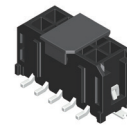
### • Comprehensive Product Lineup:

Available in 02 / 03 / 04 / 05 / 06 / 08 / 09 / 10 / 12 / 15 circuits across vertical headers, right-angle headers, receptacle housings, and crimp terminals.

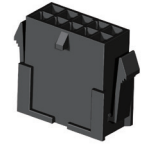
Multiple plating options for various reliability and cost requirements.

### • Enhanced Application Safety:

CviLux strongly recommends using CviLux wire and connector sets together to ensure maximum safety and electrical performance.



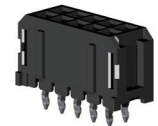
● CP35 3.00mm Dual Rows Header



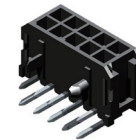
● CP35 3.00mm Dual Rows Housing



● CP35 3.00mm Dual Rows Header



● CP35 3.00mm Dual Rows DIP Header



● CP35 3.00mm Dual Rows Right Angle Header



● CP35 3.00mm Dual Rows SMT Header



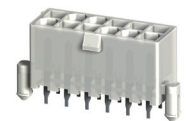
● CP35 3.00mm Dual Rows Crimp Housing



● CP-011 Dual Rows Housing



● CP-011 Single Row Housing



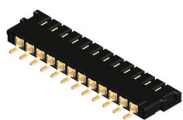
● CP-013 4.20mm Dual Rows Headers



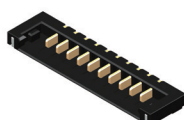
● CP-014 4.20mm Dual Rows Straight DIP Header



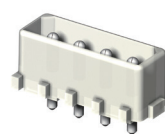
● CP-014 4.20mm Dual Rows Right angle



● CP75 1.50mm Receptacle



● CP75 1.50mm Plug



● CP33 5.08mm Straight DIP



● CP08 6.35mm Triple Row Straight DIP header

Since 1990

Proactive  
Innovation  
Efficiency

 **CviLux Group**  
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## Technical Highlights



EMI



High  
Frequency

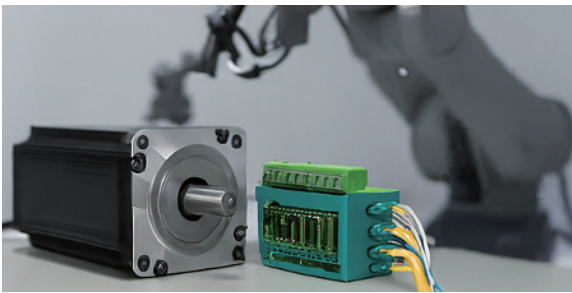


High  
Current



Robust  
& Durable

## Product Applications



### Industrial Electronics

- Motor drivers
- Industrial controllers & automation systems
- Power distribution modules
- Factory equipment & machinery



### Home Electronics

- Air conditioners
- Household appliances
- Power boards and converters
- Consumer power modules



### Automotive Electronics

- Vehicle control modules
- Power distribution units (PDU)
- Battery management systems
- On-board chargers and DC-DC converters

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