

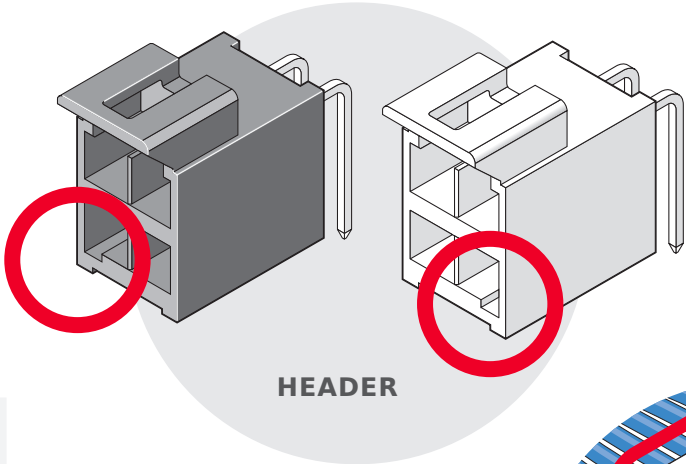
# ULTRA-FIT™ POWER CONNECTORS

Eliminate same-circuit-size cross-mating, optimize space savings and reduce terminal backout with low mating force, high-density Ultra-Fit™ Power Connectors.

1

**VIRTUALLY  
NO CHANCE  
OF CROSS-MATING**

Mechanical keying options  
Color-coded mechanical keying options

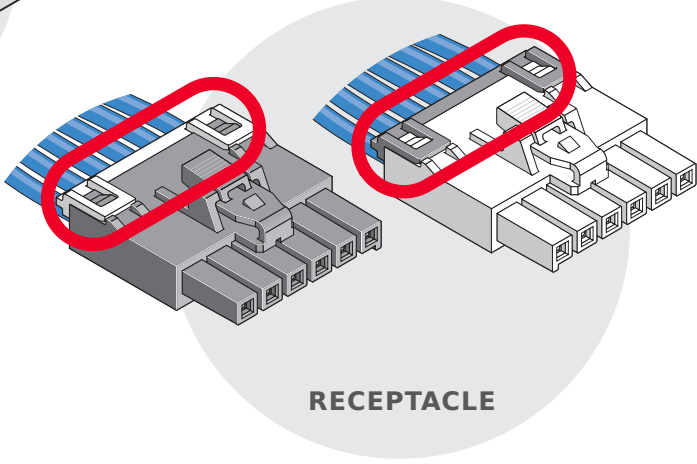


HEADER

3

**PREVENTS  
ASSEMBLY  
ERRORS**

TPA retainer ensures proper terminal seating

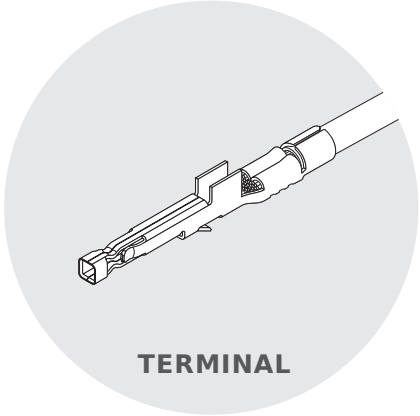


RECEPTACLE

4

**EXTREMELY  
LOW MATING  
FORCE**

As low as 1/3 of similarly capable products



TERMINAL

2

**SIMILAR PRODUCTS  
CAN REQUIRE A  
71% LARGER  
PCB FOOTPRINT**



OTHER OR COMPETITION

## Functionality

**Bigger is not always better.**

Ultra-Fit™ Power Connectors provide up to 14.0A while requiring less than half the PCB footprint of similar power connectors. This streamlined design creates space savings and allows for smaller, more efficient packaging without sacrificing current density.

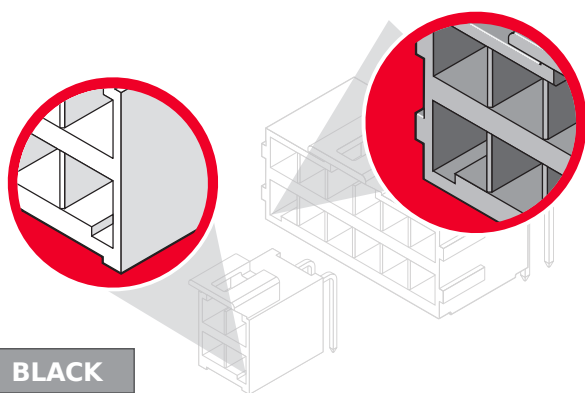
UP TO  
**14.0A**  
on 3.50mm pitch

## Simplicity

Ultra-Fit™ Power Connectors provide color-coded mechanical keying to make same-circuit size cross-mating virtually impossible. Extremely low mating forces reduce operator fatigue.

## Solving Design Challenges

Solving four key design challenges while offering the premium housing features of proven Mini-Fit® and Micro-Fit 3.0™ connector systems, Ultra-Fit™ Power Connectors provide an unrivaled selection of options that fit into nearly any design.



BLACK

NATURAL

Cross out cross-mating with Ultra-Fit™ Power Connectors

**AVAILABLE NOW  
TO FIT YOUR  
DESIGN**

**ORIENTATION**  
VERTICAL  
RIGHT-ANGLE

**DUAL ROW**  
4 TO 16 CIRCUITS

**SINGLE ROW**  
2 TO 8 CIRCUITS

**TPA**  
YES  
NO

**COLORS AND  
MECHANICAL  
KEYING**  
BLACK  
NATURAL

**PLATING**  
TIN  
15µ" GOLD  
30 µ" GOLD

» For more information, visit [www.molex.com/link/ultrafit.html](http://www.molex.com/link/ultrafit.html)

