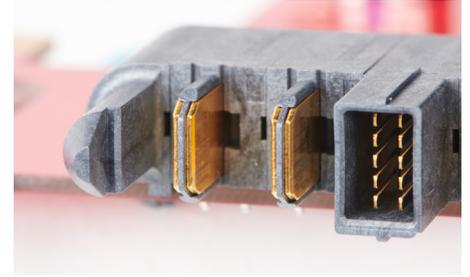


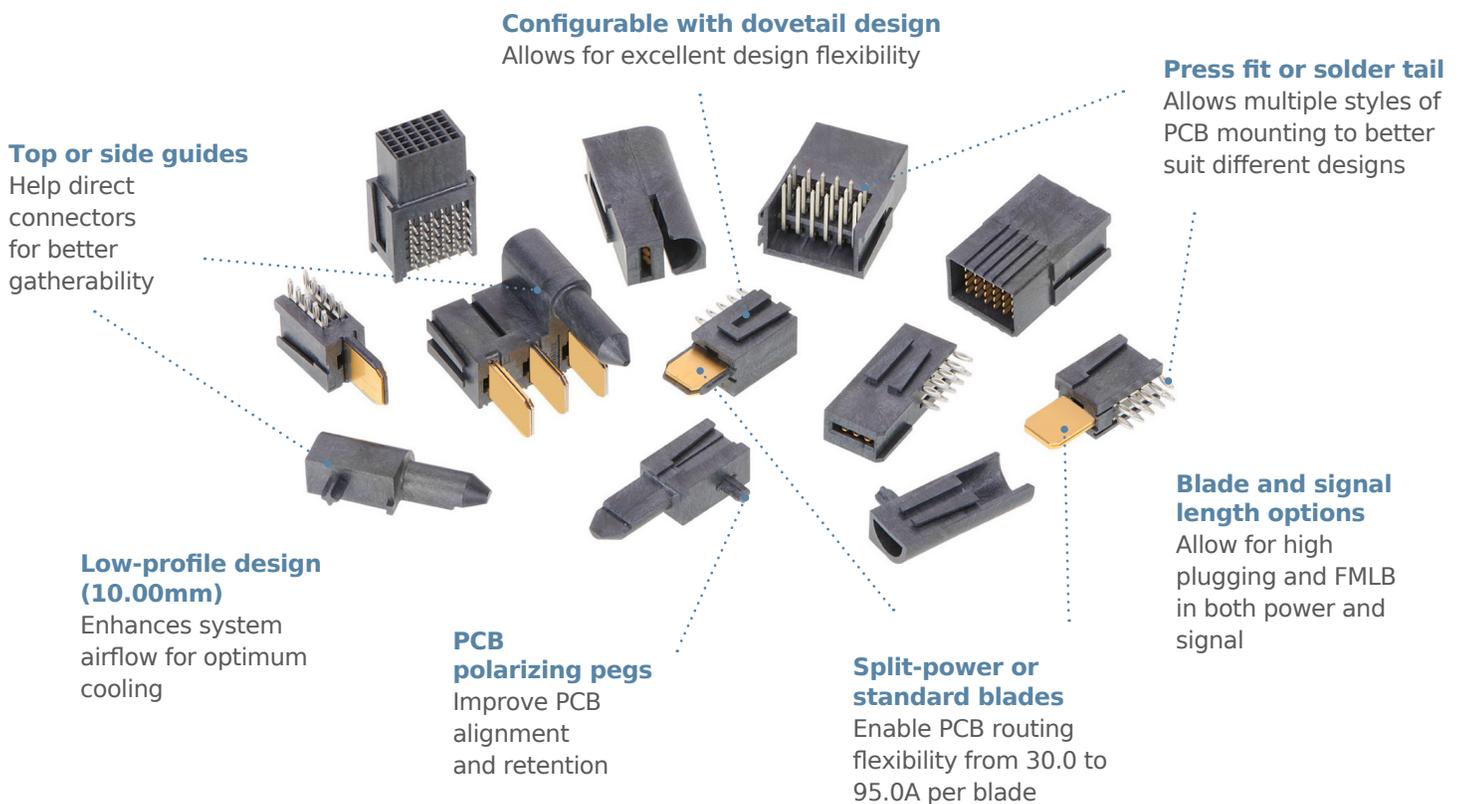
# EXTreme Ten60 High-Power Connectors >

Designed for configurable power connections with flexibility for voltage creepage and clearance requirements, EXTreme Ten60 High-Power Connectors offer custom connector layouts and standard blade options to streamline designs in various applications



EXTreme Ten60 Power Connectors

## FEATURES AND ADVANTAGES



# EXTreme Ten60 High-Power Connectors >

## MARKETS AND APPLICATIONS

### Data Communications

Servers  
Power supplies  
Rack servers

### Telecommunications

Hubs  
Cellular base stations  
Switches  
Routers  
Power supplies

### Consumer Electronics

LED lighting devices  
Smart LED screens  
Solar batteries  
Generators  
Power distribution systems  
High-voltage power tool batteries

### Electric Vehicles

Charging stations  
E-bike batteries  
Garage chargers  
Power walls (home batteries)  
Generators



High-Voltage Electric  
Consumer Tools



Removable Power Supply



High Speed Servers



Electric Vehicle Charging  
Stations



High Lumen LED  
Lights

## SPECIFICATIONS

### REFERENCE INFORMATION

UL File No.: E29719  
CSA File No.: LR-19980\_A\_Class 6233-81  
CSA tested to UL-1977 and  
CSA C22.2 No. 182.3-M1987  
Mates With: 46437—with both 46436 and 46562  
Mates With: 171088—with both 171089 and  
171090  
Use With: N/A  
Terminal Used: Gold plated  
Designed In: (Millimeters or Inches)-mm  
RoHS: Yes  
Halogen Free: No  
Glow Wire Capable: No

### ELECTRICAL

Voltage (max.): 600V, 250V  
Current (max.): 30.0 to 95.0A  
Dielectric Withstanding Voltage: 1500V  
Insulation Resistance: 5000 milliohms

### MECHANICAL

Mechanical  
Connector-to-connector  
Mating Force: 764g/circuit max.  
Unmating Force: 316g/circuit min.  
Durability (min.): 200 cycles

### PHYSICAL

Housing: 30% glass filled LCP or PBT  
Contact: Copper (Cu) Alloy  
Plating: Select Gold (Au)  
Contact Area—Select Gold (Au)  
Solder Tail Area—Tin (Sn)  
Underplating—Nickel (Ni)  
PCB Thickness: .062", .093", 1.60mm+  
Operating Temperatures: -40 to +105 C

[www.molex.com/link/extremeten60connectors.html](http://www.molex.com/link/extremeten60connectors.html)