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**Part Number:** [0465623007](#)  
**Status:** **Active**  
**Overview:** EXTreme Ten60Power™ High-Current Connector  
**Description:** 2.54mm, 5.50mm Pitch EXTreme Ten60Power™ Vertical Receptacle Assembly with Guide Receivers, 24 Signal Circuits, 6 Power Circuits

**Documents:**

[3D Model](#) [Application Specification AS-46436-100 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-46436-100 \(PDF\)](#)

**Agency Certification**

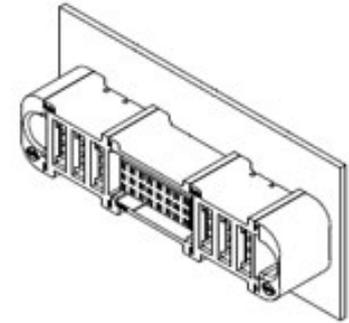
CSA LR19980  
TUV R72081037  
UL E29179

**General**

Product Family PCB Receptacles  
Series [46562](#)  
Application Board-to-Board, Power, Signal  
Application Tooling Part Link [62100-7800](#)  
Application Tooling Part Link [62100-7900](#)  
Comments See PS-46436-100 for details  
Overview [EXTreme Ten60Power™ High-Current Connector](#)  
Product Name EXTreme Ten60Power™  
UPC 883906924249

**Physical**

(p)ower-(s)ignal Configuration 3p - 24s - 3p  
Circuits (Loaded) 30  
Circuits (maximum) 30  
Color - Resin Black  
Durability (mating cycles max) 200  
Flammability 94V-0  
Glow-Wire Compliant No  
Guide to Mating Part Yes  
Keying to Mating Part None  
Lock to Mating Part No  
Material - Metal Copper  
Material - Plating Mating Gold  
Material - Plating Termination Tin  
Material - Resin High Temperature Thermoplastic  
Net Weight 20.580/g  
Number of Rows 1  
Orientation Vertical  
PCB Locator No  
PCB Retention None  
PCB Thickness - Recommended 1.58mm  
Packaging Type Tray  
Pitch - Mating Interface 2.54mm, 5.50mm  
Plating min - Mating 0.127µm  
Plating min - Termination 2.540µm  
Polarized to Mating Part Yes  
Polarized to PCB Yes  
Stackable No  
Surface Mount Compatible (SMC) No  
Temperature Range - Operating -40°C to +105°C



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(2014 December 17): No

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

**Search Parts in this Series**

[46562](#) Series

**Mates With**

[46437-3007](#) EXTreme Ten60Power™ Right Angle Plug Assembly

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

Description	Product #
Removal Tool for Vertical Signal Modules	<a href="#">0621007800</a>
Removal Tool for Ten60 Power™ Receptacle Terminals	<a href="#">0621007900</a>

Termination Interface: Style Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact 2.5A, 55.0A  
Grounding to PCB No  
Voltage - Maximum 600V AC / 250V DC

**Material Info**

**Reference - Drawing Numbers**

Application Specification AS-46436-100  
Product Specification PS-46436-100  
Sales Drawing SD-46562-307

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