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**Part Number:** **0464373001**  
**Status:** **Active**  
**Overview:** EXTreme Ten60Power™ High-Current Connector  
**Description:** 2.54mm, 5.50mm Pitch EXTreme Ten60Power™ Right Angle Plug Assembly with Guide Pins, 4 DC Power Circuits, 24 Signal 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**

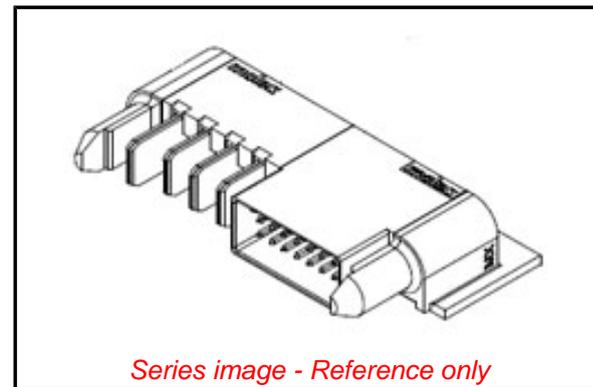
CSA LR19980  
TUV R72081037  
UL E29179

**General**

Product Family PCB Headers  
Series [46437](#)  
Application Board-to-Board, Power, Signal  
Comments See PS-46436-100 for details  
Overview [EXTreme Ten60Power™ High-Current Connector](#)  
Product Name EXTreme Ten60Power™  
UPC 883906917203

**Physical**

(p)ower-(s)ignal Configuration 4p - 24s  
Breakaway No  
Circuits (Loaded) 28  
Circuits (maximum) 28  
Color - Resin Black  
Durability (mating cycles max) 200  
First Mate / Last Break No  
Flammability 94V-0  
Glow-Wire Compliant No  
Guide to Mating Part Yes  
Keying to Mating Part None  
Lock to Mating Part No  
Mated Height 18.00mm  
Material - Metal Copper  
Material - Plating Mating Gold  
Material - Plating Termination Tin  
Material - Resin High Temperature Thermoplastic  
Net Weight 18.452/g  
Number of Rows 1  
Orientation Right Angle  
PC Tail Length 2.84mm  
PCB Locator Yes  
PCB Retention None  
PCB Thickness - Recommended 1.58mm  
Packaging Type Tray  
Pitch - Mating Interface 2.54mm, 5.50mm  
Polarized to Mating Part Yes  
Polarized to PCB Yes  
Shrouded No  
Stackable No  
Surface Mount Compatible (SMC) No



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**

[46437](#) Series

**Mates With**

EXTreme Ten60Power™ Vertical Receptacle [46436-3001](#) , [46562-3001](#)

Temperature Range - Operating -40°C to +105°C  
Termination Interface: Style Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact 2.5A, 60.0A  
Voltage - Maximum 600V AC / 250V DC

**Material Info**

**Reference - Drawing Numbers**

Application Specification AS-46436-100  
Product Specification PS-46436-100  
Sales Drawing SD-46437-301

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