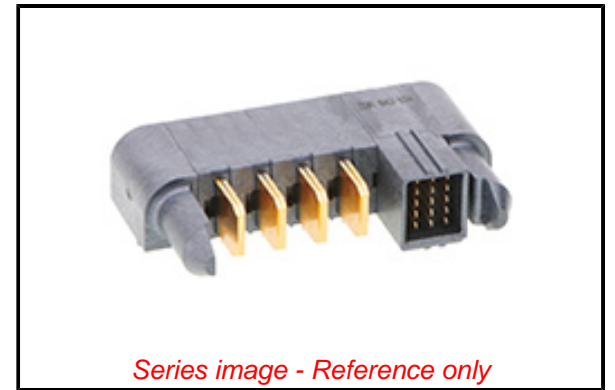


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0464379314](#)  
**Status:** **Active**  
**Overview:** [EXTreme Ten60 High-Power Connectors](#)  
**Description:** EXTreme Ten60Power Right-Angle Plug with Side Guides, 4 DC Power Circuits, 15 Signal Circuits, Press Fit Tail

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model</a>                                     | <a href="#">Packaging Specification 464371001-PK-000 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Test Summary 464361000-TS-000 (PDF)</a>            |
| <a href="#">3D Model (PDF)</a>                               | <a href="#">Datasheet (PDF)</a>                                |
| <a href="#">Product Specification PS-46436-100-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>           |



**Agency Certification**

UL E29179

**General**

|                |   |
|----------------|---|
| Product Family | PCB Headers   |
| Series         | <a href="#">46437</a>                               |
| Application    | Board-to-Board, Power, Signal                       |
| Comments       | See Product Specification for details               |
| Overview       | <a href="#">EXTreme Ten60 High-Power Connectors</a> |
| Product Name   | EXTreme Ten60Power                                  |
| UPC            | 195842667266  |

**Physical**

|                                |                          |
|--------------------------------|--------------------------|
| (p)ower-(s)ignal Configuration | 4p - 15s                 |
| Breakaway                      | No                       |
| Circuits (Loaded)              | 19                       |
| Circuits (maximum)             | 19                       |
| Color - Resin                  | Black                    |
| Durability (mating cycles max) | 200                      |
| First Mate / Last Break        | No                       |
| Flammability                   | 94V-0                    |
| Glow-Wire Capable              | No                       |
| Guide to Mating Part           | Side, Yes                |
| Keying to Mating Part          | None                     |
| Lock to Mating Part            | No                       |
| Mated Height                   | 10.00mm                  |
| Material - Metal               | High Conductivity Copper |
| Material - Plating Mating      | Gold                     |
| Material - Plating Termination | Tin                      |
| Material - Resin               | Liquid Crystal Polymer   |
| Net Weight                     | 16.670/g                 |
| Number of Rows                 | 1, 5                     |
| Orientation                    | Right Angle              |
| PC Tail Length                 | 2.50mm, 3.28mm           |
| PCB Locator                    | Yes                      |
| PCB Retention                  | Yes                      |
| PCB Thickness - Recommended    | 1.58mm                   |
| Packaging Type                 | Tray                     |
| Pitch - Mating Interface       | 2.00mm, 5.50mm           |
| Plating min - Mating           | 0.762µm                  |
| Plating min - Termination      | 2.540µm                  |
| Polarized to Mating Part       | Yes                      |
| Polarized to PCB               | Yes                      |
| Stackable                      | No                       |
| Surface Mount Compatible (SMC) | No                       |

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)10043-DC (17  
Jan 2022)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[46437](#) Series

**Mates With**

EXTreme Ten60Power Right-Angle Receptacle [464369314](#) . EXTreme Ten60Power Vertical Receptacle [465629314](#)

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

**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification 464371001-PK-000  
Product Specification PS-46436-100-001  
Sales Drawing 464379320-000  
Test Summary 464361000-TS-000

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