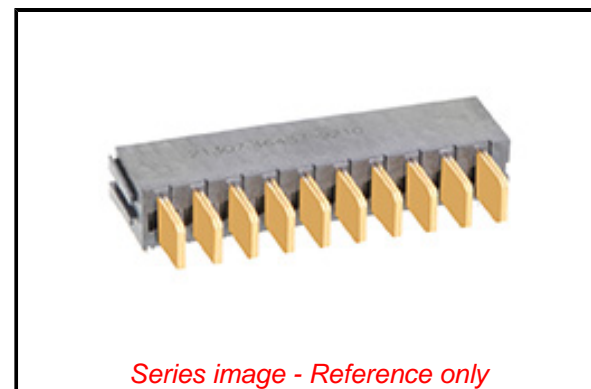


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0464379210](#)  
**Status:** **Active**  
**Overview:** EXTreme Ten60Power High-Current Connector  
**Description:** EXTreme Ten60Power Right-Angle Plug without Guides, 10 DC Power Circuits, Press Fit Tail

**Documents:**

|  |  |
|--|--|
| <a href="#">Drawing (PDF)</a>                                    | <a href="#">Test Summary 464361000-TS-000 (PDF)</a>  |
| <a href="#">Product Specification PS-46436-100-001 (PDF)</a>     | <a href="#">Datasheet (PDF)</a>                      |
| <a href="#">Application Specification AS-46436-100-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a> |
| <a href="#">Packaging Specification PK-46437-001-000 (PDF)</a>   |  |



**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

**General**

|                |   |
|----------------|---|
| Product Family | PCB Headers   |
| Series         | <a href="#">46437</a>                                     |
| Application    | Board-to-Board, Power                                     |
| Comments       | See Product Specification for details                     |
| Overview       | <a href="#">EXTreme Ten60Power High-Current Connector</a> |
| Product Name   | EXTreme Ten60Power  |
| UPC            | 195842670785  |

**Physical**

|                                |                        |
|--------------------------------|------------------------|
| (p)ower-(s)ignal Configuration | 10p - 0s               |
| Breakaway                      | No                     |
| Circuits (Loaded)              | 10                     |
| Circuits (maximum)             | 10                     |
| Color - Resin                  | Black                  |
| Durability (mating cycles max) | 200                    |
| First Mate / Last Break        | No                     |
| Flammability                   | 94V-0                  |
| Glow-Wire Capable              | No                     |
| Guide to Mating Part           | No                     |
| Keying to Mating Part          | None                   |
| Lock to Mating Part            | No                     |
| Mated Height                   | 10.00mm                |
| Material - Metal               | Copper Alloy           |
| Material - Plating Mating      | Gold                   |
| Material - Plating Termination | Matte Tin              |
| Material - Resin               | Liquid Crystal Polymer |
| Net Weight                     | 29.261/g               |
| Number of Rows                 | 1                      |
| Orientation                    | Right Angle            |
| PC Tail Length                 | 3.28mm                 |
| PCB Locator                    | No                     |
| PCB Retention                  | Yes                    |
| PCB Thickness - Recommended    | 1.58mm                 |
| Packaging Type                 | Tray                   |
| Pitch - Mating Interface       | 5.50mm                 |
| Plating min - Mating           | 0.762µm                |
| Plating min - Termination      | 2.540µm                |
| Polarized to Mating Part       | Yes                    |
| Polarized to PCB               | Yes                    |
| Stackable                      | No                     |

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**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 [464369210](#) . EXTreme Ten60Power Vertical Receptacle [465629210](#)

|                                |                              |
|--------------------------------|------------------------------|
| Surface Mount Compatible (SMC) | No                           |
| 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**

|                           |                   |
|---------------------------|-------------------|
| Application Specification | AS-46436-100-001  |
| Packaging Specification   | PK-46437-001-000  |
| Product Specification     | PS-46436-100-001  |
| Sales Drawing             | SD-46437-9000-001 |
| Test Summary              | 464361000-TS-000  |

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