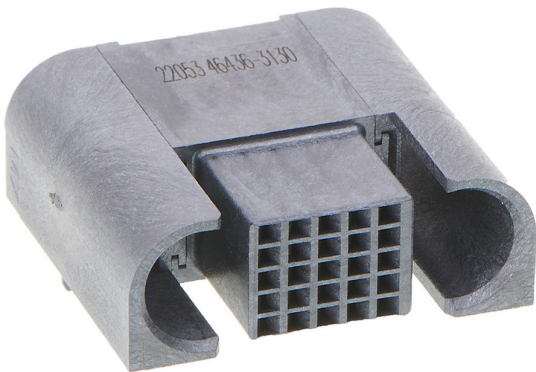




**Part Number :** [464363130](#)  
**Product Description :** EXTreme Ten60Power  
Right-Angle Receptacle with Side Guides, 25  
Signal Circuits, Press Fit Tail  
**Series Number :** 46436  
**Status :** Active  
**Product Category :** Board-to-Board  
Connectors  
**Engineering Number :** 046436-3130



## Documents & Resources

### Drawings

[Drawing 464363130\\_sd.pdf](#)  
[Packaging Design Drawing 464361001-PK-000.pdf](#)  
[Packaging Design Drawing PK-46436-001-000.pdf](#)

### 3D Models and Design Files

[3D Model 464363130\\_stp.zip](#)

### Specifications

[Product Specification PS-46436-100-001.pdf](#)  
[Test Summary 464361000-TS-000.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                          |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                        |
| REACH SVHC         | Not Contained per D(2023)3788-DC (14 Jun 2023)                                        |
| EU RoHS            | Compliant per EU 2015/863                                                             |

[Multiple Part Product Compliance Statements](#)  
- Eu RoHS

- REACH SVHC
- Low-Halogen

#### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

#### EU RoHS Certificate of Compliance

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## Part Details

### General

|                |                                                                                                |
|----------------|------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                         |
| Category       | Board-to-Board Connectors                                                                      |
| Series         | 46436                                                                                          |
| Description    | EXTreme Ten60Power Right-Angle Receptacle with Side Guides, 25 Signal Circuits, Press Fit Tail |
| Application    | Board-to-Board, Signal                                                                         |
| Comments       | See Product Specification for details                                                          |
| Component Type | PCB Receptacle                                                                                 |
| Product Family | EXTreme Ten60 High-Power Connectors                                                            |
| Product Name   | EXTreme Ten60Power                                                                             |
| UPC            | 193264606634                                                                                   |

### Agency

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

### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 4.5A |
| Grounding to PCB              | No   |
| Voltage - Maximum             | 120V |

### Physical

|                                |                              |
|--------------------------------|------------------------------|
| Circuits (Loaded)              | 25                           |
| Circuits (maximum)             | 25                           |
| Color - Resin                  | Black                        |
| Durability (mating cycles max) | 200                          |
| 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               | Copper Alloy                 |
| Material - Plating Mating      | Gold                         |
| Material - Plating Termination | Tin                          |
| Material - Resin               | Liquid Crystal Polymer       |
| Net Weight                     | 7.198/g                      |
| Number of Rows                 | 5                            |
| Orientation                    | Right Angle                  |
| Packaging Type                 | Tray                         |
| PC Tail Length                 | 2.50mm                       |
| PCB Locator                    | Yes                          |
| PCB Retention                  | Yes                          |
| PCB Thickness - Recommended    | 1.58mm                       |
| Pitch - Mating Interface       | 2.00mm                       |
| Plating min - Mating           | 0.762µm                      |
| Plating min - Termination      | 2.540µm                      |
| Polarized to Mating Part       | Yes                          |
| Polarized to PCB               | Yes                          |
| (p)ower-(s)ignal Configuration | 0p - 25s                     |
| Stackable                      | No                           |
| Temperature Range - Operating  | -40° to +105°C               |
| Termination Interface Style    | Through Hole - Compliant Pin |

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## Mates With / Use With

Mates with Part(s)

| Description                                                                              | Part Number       |
|------------------------------------------------------------------------------------------|-------------------|
| EXTreme Ten60Power Right-Angle Plug with Side Guides, 25 Signal Circuits, Press Fit Tail | <u>0464373130</u> |

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This document was generated on Sep 26, 2023