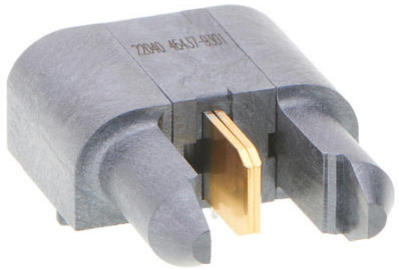
**Part Number :** 464379301
**Product Description :** EXTreme Ten60Power Right-Angle Plug with Side Guides, 1 DC Power Circuit, Press Fit Tail
**Series Number :** 46437
**Status :** Active
**Product Category :** Board-to-Board Connectors
**Engineering Part Number :** 46437-9310



## Documents and Resources

### Drawings

464379301_sd.pdf

464371001-PK-000.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

### Specifications

PS-46436-100-001.pdf

464361000-TS-000.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Compliant with Exemption 44; 34; 33 |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)7771-DC (04 Feb 2026) |
| EU RoHS | Compliant per EU 2015/863 |

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Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Board-to-Board Connectors |
| Series | 46437 |
| Description | EXTreme Ten60Power Right-Angle Plug with Side Guides, 1 DC Power Circuit, Press Fit Tail |
| Application | Board-to-Board, Power |
| Comments | See Product Specification for details |
| Component Type | PCB Header, Plug |
| Keyword | Ten60 |
| Product Name | EXTreme Ten60Power |
| UPC | 195842663411 |

### Agency

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

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 60.0A |

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| | |
|---|---|
| Voltage - Maximum | 600V AC / 250V DC |

**Physical**

| | |
|---|---|
| Breakaway | No |
| Circuits (Loaded) | 1 |
| Circuits (maximum) | 1 |
| 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 | No |
| 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 | 5.406/g |
| Number of Rows | 1 |
| Orientation | Right Angle |
| Packaging Type | Tray |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.58mm |
| PC Tail Length | 3.28mm |
| Pitch - Mating Interface | 5.50mm |
| Plating min - Mating | 0.762µm |
| Plating min - Termination | 2.540µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| (p)ower-(s)ignal Configuration | 1p - 0s |
| Stackable | No |
| Temperature Range - Operating | -40° to +105°C |

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| | |
|---|---|
| Termination Interface Style | Through Hole - Compliant Pin |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| EXTreme Ten60Power Right-Angle Receptacle with Side Guides, 1 DC Power Circuit, Press Fit Tail | 464369301 |
| EXTreme Ten60Power Vertical Receptacle with Side Guides, 1 DC Power Circuit, Press Fit Tail | 465629301 |



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