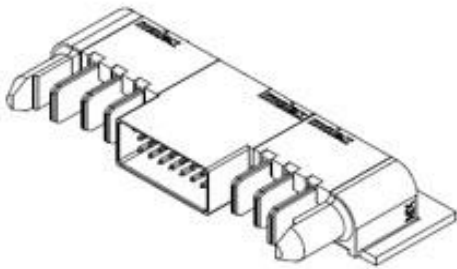




**Part Number :** [464373007](#)  
**Product Description :** 2.54mm. 5.50mm Pitch  
EXTreme Ten60Power Right-Angle Plug Assembly with  
Guide Pins, 3 DC Power Circuits, 24 Signal Circuits, 3  
DC Power Circuits  
**Series Number :** 46437  
**Status :** Active  
**Product Category :** Board-to-Board Connectors



## Documents & Resources

### Drawings

[464373007 sd.pdf](#)  
[PK-46437-001-000.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         | <br>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)4165-DC (25 June 2025)                                                              |
| EU RoHS            | Compliant per EU 2015/863                                                                                    |

### 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    | 2.54mm. 5.50mm Pitch EXTreme Ten60Power Right-Angle Plug Assembly with Guide Pins, 3 DC Power Circuits, 24 Signal Circuits, 3 DC Power Circuits |
| Application    | Board-to-Board, Power, Signal                                                                                                                   |
| Comments       | See PS-46436-100 for details                                                                                                                    |
| Component Type | PCB Header                                                                                                                                      |
| Keyword        | Ten60                                                                                                                                           |
| Product Name   | EXTreme Ten60Power                                                                                                                              |
| UPC            | 883906918033                                                                                                                                    |

### Agency

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

### Electrical

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

## Physical

|                                |                                |
|--------------------------------|--------------------------------|
| Breakaway                      | No                             |
| Circuits (Loaded)              | 30                             |
| Circuits (maximum)             | 30                             |
| 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            | None                           |
| Mated Height                   | 18.00mm                        |
| Material - Metal               | Copper                         |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 24.435/g                       |
| Number of Rows                 | 1, 3                           |
| Orientation                    | Right Angle                    |
| Packaging Type                 | Tray                           |
| PCB Locator                    | Yes                            |
| PCB Retention                  | None                           |
| PCB Thickness - Recommended    | 1.58mm                         |
| PC Tail Length                 | 2.84mm                         |
| Pitch - Mating Interface       | 2.54mm, 5.50mm                 |
| Polarized to Mating Part       | Yes                            |
| Polarized to PCB               | Yes                            |
| (p)ower-(s)ignal Configuration | 3p - 24s - 3p                  |
| Shrouded                       | No                             |
| Stackable                      | No                             |
| Temperature Range - Operating  | -40° to +105°C                 |

|                             |              |
|-----------------------------|--------------|
| Termination Interface Style | Through Hole |
|-----------------------------|--------------|

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## Mates With / Use With

### Mates with Part(s)

| Description                                                                                                                     | Part Number      |
|---------------------------------------------------------------------------------------------------------------------------------|------------------|
| EXTreme Ten60Power Right-Angle Receptacle with Side Guides, 24 Signal Circuits, 6 Power Circuits                                | <u>464363007</u> |
| 2.54mm, 5.50mm Pitch EXTreme Ten60Power Vertical Receptacle Assembly with Guide Receivers, 24 Signal Circuits, 6 Power Circuits | <u>465623007</u> |

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