



Part Number : [465623128](#)

Product Description : EXTreme Ten60Power Vertical Receptacle with Side Guides, 15 Signal Circuits, Press Fit Tail

Series Number : 46562

Status : Active

Product Category : Board-to-Board Connectors

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## Documents & Resources

### Drawings

[Drawing 465623128\\_sd.pdf](#)

[Packaging Design Drawing 465621001-PK-000.pdf](#)

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### 3D Models and Design Files

[3D Model 465623128\\_stp.zip](#)


### Specifications

[Product Specification PS-46436-100-001.pdf](#)

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## Product Environment Compliance

### Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Compliant with Exemption 44; 34; 33   |
| China RoHS         |  |
| EU ELV             | Not Relevant  |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21  |
| REACH SVHC         | Not Contained per D(2023)8585-DC (23 Jan 2024)  |
| 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         | 46562   |
| Description    | EXTreme Ten60Power Vertical Receptacle with Side Guides, 15 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            | 195842813304  |

### Agency

|    |        |
|----|--------|
| UL | E29179 |
|----|--------|

### Electrical

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

### Physical

|                                |       |
|--------------------------------|-------|
| Circuits (Loaded)              | 15    |
| Circuits (maximum)             | 15    |
| 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                           |
| Material - Metal               | Copper Alloy                 |
| Material - Plating Mating      | Gold                         |
| Material - Plating Termination | Tin                          |
| Material - Resin               | Liquid Crystal Polymer       |
| Net Weight                     | 5.416/g                      |
| Number of Rows                 | 5                            |
| Orientation                    | Vertical                     |
| Packaging Type                 | Tray                         |
| PC Tail Length                 | 2.50mm                       |
| PCB Locator                    | No                           |
| 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 - 15s                     |
| 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, 15 Signal Circuits, Press Fit Tail | <u>464373128</u> |

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