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**Part Number:** [0465629302](#)  
**Status:** **Active**  
**Overview:** [EXTreme Ten60 High-Power Connectors](#)  
**Description:** EXTreme Ten60Power Vertical Receptacle with Side Guides, 2 DC Power Circuit, 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="#">Packaging Specification 465621001-PK-000 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a> |

**General**

|                |   |
|----------------|---|
| Product Family | PCB Receptacles                                     |
| Series         | <a href="#">46562</a>                               |
| Application    | Board-to-Board, Power                               |
| Comments       | See Product Specification for details               |
| Overview       | <a href="#">EXTreme Ten60 High-Power Connectors</a> |
| Product Name   | EXTreme Ten60Power                                  |
| UPC            | 195842672901  |

**Physical**

|                                |                              |
|--------------------------------|------------------------------|
| (p)ower-(s)ignal Configuration | 2p - 0s                      |
| Circuits (Loaded)              | 2                            |
| Circuits (maximum)             | 2                            |
| Color - Resin                  | Black                        |
| Durability (mating cycles max) | 200                          |
| Glow-Wire Capable              | No                           |
| Guide to Mating Part           | Side, Yes                    |
| Keying to Mating Part          | None                         |
| Lock to Mating Part            | No                           |
| Material - Metal               | High Conductivity Copper     |
| Material - Plating Mating      | Gold                         |
| Material - Plating Termination | Tin                          |
| Material - Resin               | Liquid Crystal Polymer       |
| Net Weight                     | 6.994/g                      |
| Number of Rows                 | 1                            |
| Orientation                    | Vertical                     |
| 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                           |
| 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             |
| Grounding to PCB              | No                |
| Voltage - Maximum             | 600V AC / 250V DC |



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)10043-DC (17  
Jan 2022)

**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**

[46562 Series](#)

**Mates With**

[EXTreme Ten60Power Right-Angle Plug  
464379302](#)

**Material Info**

**Reference - Drawing Numbers**

|                         |                  |
|-------------------------|------------------|
| Packaging Specification | 465621001-PK-000 |
| Product Specification   | PS-46436-100-001 |
| Sales Drawing           | 465629310-000    |
| Test Summary            | 464361000-TS-000 |

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