



**Part Number :** [465629301](#)

**Product Description :** EXTreme Ten60Power Vertical Receptacle with Side Guides, 1 DC Power Circuit, Press Fit Tail

**Series Number :** 46562

**Status :** Active

**Product Category :** Board-to-Board Connectors



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## Documents and Resources

### Drawings

[465629301 sd.pdf](#)

[465621001-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](#)

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## 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

### 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	46562
Description	EXTreme Ten60Power Vertical Receptacle with Side Guides, 1 DC Power Circuit, Press Fit Tail
Application	Board-to-Board, Power
Comments	See Product Specification for details
Component Type	Receptacle
Keyword	Ten60
Product Name	EXTreme Ten60Power
UPC	195842671133

### Agency

CSA	LR19980
UL	E29179

### Electrical

Current - Maximum per Contact	60.0A
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Grounding to PCB	No
Voltage - Maximum	600V AC / 250V DC

## Physical

Circuits (Loaded)	1
Circuits (maximum)	1
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	No
Lock to Mating Part	No
Material - Metal	High Conductivity Copper
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer (LCP)
Net Weight	5.117/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PCB Locator	No
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
Termination Interface Style	Through Hole - Compliant Pin

## Mates With / Use With

### Mates with Part(s)

Description	Part Number
EXTreme Ten60Power Right-Angle Plug with Side Guides, 1 DC Power Circuit, Press Fit Tail	<u>464379301</u>

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