

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0465629314](#)  
**Status:** **Active**  
**Overview:** EXTreme Ten60 High-Power Connectors  
**Description:** EXTreme Ten60Power Vertical Receptacle with Side Guides, 4 DC Power Circuits, 15 Signal Circuits, Press Fit Tail

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification 465621001-PK-000 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Test Summary 464361000-TS-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification PS-46436-100-001 (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, Signal
Comments	See Product Specification for details
Component Type	PCB Receptacle
Overview	<u>EXTreme Ten60 High-Power Connectors</u>
Product Name	EXTreme Ten60Power
Taxonomy	Board-to-Board Connectors
UPC	195842673021

**Physical**

(p)ower-(s)ignal Configuration	4p - 15s
Circuits (Loaded)	19
Circuits (maximum)	19
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	13.875/g
Number of Rows	1, 5
Orientation	Vertical
PC Tail Length	2.50mm, 3.28mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.58mm
Packaging Type	Tray
Pitch - Mating Interface	2.00mm, 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
-------------------------------	-------

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 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  
464379314](#)

Grounding to PCB  
Voltage - Maximum

No  
600V AC / 250V DC

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	465621001-PK-000
Product Specification	PS-46436-100-001
Sales Drawing	465629320-000
Test Summary	464361000-TS-000

This document was generated on 01/05/2023

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**