

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

**Part Number:** [0465629205](#)  
**Status:** **Active**  
**Overview:** EXTreme Ten60Power High-Current Connector  
**Description:** EXTreme Ten60Power Vertical Receptacle without Guides, 5 DC Power Circuits, 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="#">Application Specification AS-46436-100-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Packaging Specification 465621001-PK-000 (PDF)</a>	



**General**

Product Family	PCB Receptacles
Series	46562
Application	Board-to-Board, Power
Comments	See Product Specification for details
Overview	<a href="#">EXTreme Ten60Power High-Current Connector</a>
Product Name	EXTreme Ten60Power
UPC	195842681064

**Physical**

(p)ower-(s)ignal Configuration	5p - 0s
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black
Durability (mating cycles max)	200
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	No
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	10.337/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

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**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  
464379205](#)

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-46436-100-001
Packaging Specification	465621001-PK-000
Product Specification	PS-46436-100-001
Sales Drawing	465629210-000
Test Summary	464361000-TS-000

This document was generated on 02/01/2022

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

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Power to the Board](#) category:*

*Click to view products by [Molex](#) manufacturer:*

Other Similar products are found below :

[6450552-7](#) [6643429-1](#) [6646040-2](#) [6766604-1](#) [120959-1](#) [1393557-2](#) [1393532-2](#) [1393532-3](#) [1393532-4](#) [1393557-1](#) [1744132-7](#) [1766250-1](#)  
[1892109-1](#) [1-6450850-6](#) [1-6450869-6](#) [1645526-2](#) [2005243-2](#) [377-0020-11130](#) [MC116N](#) [TE34-12-16P-F0](#) [51700-10201602AALF](#) [51970-004](#) [5-6450830-6](#) [4-6600333-3](#) [10125416-4050LF](#) [10130248-005LF](#) [6600320-3](#) [IPBT-103-H1-T-S-RA](#) [1888123-2](#) [6766605-1](#) [701-15-02109](#)  
[6450810-7](#) [46437-1112](#) [6450813-2](#) [6450842-4](#) [10108877-R24403SLF](#) [1645523-1](#) [PSS-06-01-T-S](#) [FWS-03-04-T-S](#) [51760-10301603ABLF](#)  
[MDF6-TA2022HC](#) [FWS-05-01-T-S](#) [51720-10206002AALF](#) [QE-POL-KEY](#) [FWS-08-01-T-S](#) [698-0075-04](#) [6651670-1](#) [MC120N](#) [2-1600788-6](#)  
[1761385-3](#)