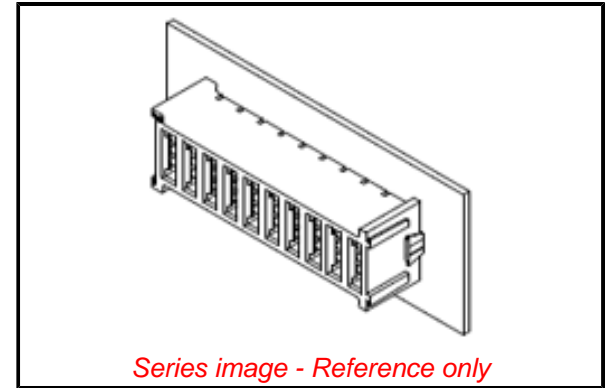


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0465629001](#)  
**Status:** **Active**  
**Overview:** [EXTreme Ten60 High-Power Connectors](#)  
**Description:** [EXTreme Ten60Power Vertical Receptacle Assembly, 1 Power Circuit](#)

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-46562-001-000 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification PK-46562-002-000 (PDF)</a>
<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>



**Agency Certification**

CSA	LR19980
UL	E29179

**Application tooling part link**

Application Tooling Part Link	62100-7900
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**General**

Product Family	PCB Receptacles
Series	46562
Application	Board-to-Board, Power
Comments	See PS-46436-100 for details
Overview	<a href="#">EXTreme Ten60 High-Power Connectors</a>
Product Name	EXTreme Ten60Power
Taxonomy	Board-to-Board Connectors
UPC	884982549975

**Physical**

(p)ower-(s)ignal Configuration	1p - 0s
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	No
Keying to Mating Part	None
Lock to Mating Part	No
Material - Metal	Copper
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.000/g
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.58mm
Packaging Type	Tray
Pitch - Mating Interface	N/A
Plating min - Mating	0.127µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	No

**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**

[46437](#) EXTreme Ten60Power Right Angle Plug Assembly

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

**Description**

**Product #**

Removal Tool  
for Ten60 Power  
Receptacle  
Terminals

[621007900](#)

Surface Mount Compatible (SMC) No  
Temperature Range - Operating -40° to +105°C  
Termination Interface: Style Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact 2.5A, 55.0A  
Grounding to PCB No  
Voltage - Maximum 600V AC / 250V DC

**Material Info**

**Reference - Drawing Numbers**

Application Specification AS-46436-100-001  
Packaging Specification PK-46562-001-000, PK-46562-002-000  
Product Specification PS-46436-100-001  
Sales Drawing SD-46562-9000-001  
Test Summary 464361000-TS-000

This document was generated on 10/18/2022

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