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**Part Number:** [46562-3001](#)  
**Status:** **Active**  
**Overview:** EXTreme Ten60Power™ High-Current Connector  
**Description:** 2.54mm, 5.50mm Pitch EXTreme Ten60Power™ Vertical Receptacle Assembly with Guide Receivers, 24 Signal Circuits, 4 Power Circuits

**Documents:**

[3D Model](#) [Application Specification AS-46436-100 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-46436-100 \(PDF\)](#)

**Agency Certification**

CSA	LR19980
TUV	R72081037
UL	E29179

**General**

Product Family	PCB Receptacles
Series	<a href="#">46562</a>
Application	Board-to-Board, Power, Signal
Application Tooling Part Link	621007800
Comments	See PS-464360-100 for details
Overview	<a href="#">EXTreme Ten60Power™ High-Current Connector</a>
Product Name	EXTreme Ten60Power™
UPC	883906923983

**Physical**

(p)ower-(s)ignal Configuration	4p - 24s
Circuits (Loaded)	28
Circuits (maximum)	28
Color - Resin	Black
Durability (mating cycles max)	200
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	Yes
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	30.000/g
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.58mm
Packaging Type	Tray
Pitch - Mating Interface	2.54mm, 5.50mm
Plating min - Mating	0.127µm
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°C to +105°C

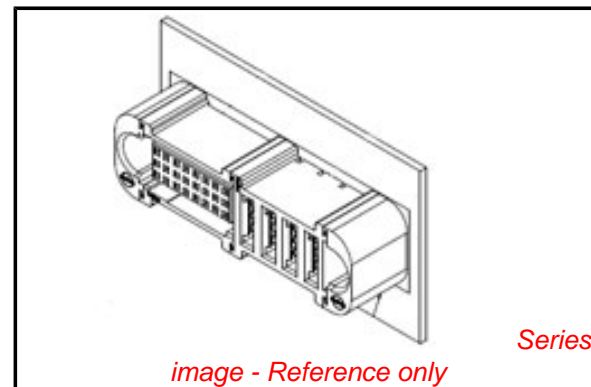


image - Reference only

**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

Not Reviewed

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[46562Series](#)

**Mates With**

[464373001 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 Vertical Signal Modules	<a href="#">0621007800</a>

Termination Interface: Style

Through Hole

**Electrical**

Current - Maximum per Contact

2.5A, 55A

Grounding to PCB

No

Voltage - Maximum

600V AC / 250V DC

**Material Info**

**Reference - Drawing Numbers**

Application Specification

AS-46436-100

Product Specification

PS-46436-100

Sales Drawing

SD-46562-301

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