

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

**Part Number:** [46562-9002](#)  
**Status:** **Active**  
**Overview:** EXTreme Ten60Power™ High-Current Connector  
**Description:** 5.50mm Pitch EXTreme Ten60Power™ Vertical Receptacle Assembly, 2 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**

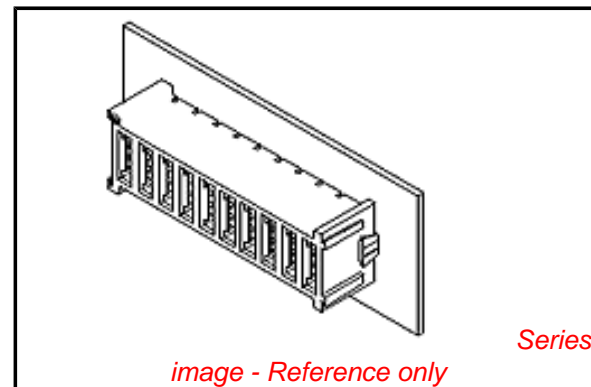
CSA	LR19980
TUV	R72081037
UL	E29179

**General**

Product Family	PCB Receptacles
Series	<a href="#">46562</a>
Application	Board-to-Board, Power
Comments	See PS-46436-100 for details
Overview	<a href="#">EXTreme Ten60Power™ High-Current Connector</a>
Product Name	EXTreme Ten60Power™
UPC	884982231900

**Physical**

(p)ower-(s)ignal Configuration	2p - 0s
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Durability (mating cycles max)	200
Flammability	94V-0
Glow-Wire Compliant	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	4.674/g
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.58mm
Packaging Type	Tray
Pitch - Mating Interface	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
Termination Interface: Style	Through Hole - Compliant Pin



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Low-Halogen**

**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**

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

**Electrical**

Current - Maximum per Contact	2.5A, 55A
Grounding to PCB	No
Voltage - Maximum	600V AC / 250V DC

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	40
Lead-free Process Capability	SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

**Material Info****Reference - Drawing Numbers**

Application Specification	AS-46436-100
Product Specification	PS-46436-100
Sales Drawing	SD-46562-9000

This document was generated on 06/05/2013

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