

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

**Part Number:** [46114-1233](#)  
**Status:** **Active**  
**Overview:** [EXTreme LPHPower™](#)  
**Description:** 1.27mm, 12.00mm Pitch, EXTreme LPHPower™ Receptacle Header, Vertical, Compliant Pin, 12 Power Contacts, 32 Signal Contacts, Select Gold (Au) Plating, without BMI Guides

**Documents:**

[3D Model](#) [Application Specification AS-46114-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-46114-001 \(PDF\)](#)

**Agency Certification**

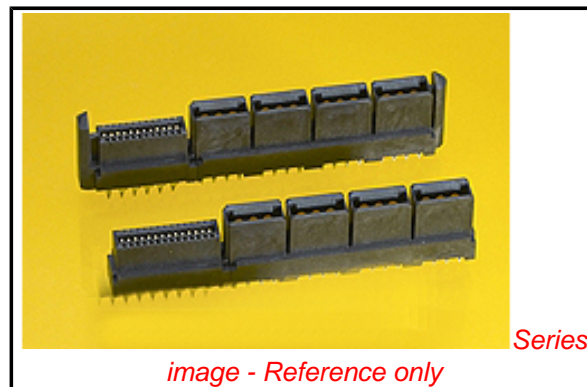
CSA LR19880  
 UL E29179

**General**

Product Family PCB Receptacles  
 Series [46114](#)  
 Application Board-to-Board, Power  
 Application Tooling Part Link [62100-6300](#)  
 Application Tooling Part Link [62201-8672](#)  
 Comments Press Fit Pin  
 Overview [EXTreme LPHPower™](#)  
 Product Name EXTreme LPHPower™  
 UPC 756054922927

**Physical**

(p)ower-(s)ignal Configuration 12p - 32s  
 Circuits (Loaded) 44  
 Circuits (maximum) 44  
 Color - Resin Black  
 Durability (mating cycles max) 250  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Guide to Mating Part No  
 Keying to Mating Part None  
 Lock to Mating Part None  
 Material - Metal High Performance Alloy (HPA)  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 15.148/g  
 Number of Rows 2  
 Orientation Vertical  
 PCB Locator No  
 PCB Retention None  
 Packaging Type Tray  
 Pitch - Mating Interface 1.27mm, 12.00mm  
 Pitch - Termination Interface 1.27mm, 2.50mm  
 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) Yes



**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**

[46114Series](#)

**Mates With**

[45985 EXTreme LPHPower™ Header](#)

**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 #
LPH Vertical Receptacle Power Terminal Removal Tool	<a href="#">0621006300</a>
Vertical Receptacle Press-In Tool	<a href="#">0622018672</a>

Temperature Range - Operating -40°C to +105°C  
Termination Interface: Style Through Hole - Compliant Pin

### **Electrical**

Current - Maximum per Contact 30.0A  
Grounding to PCB No  
Voltage - Maximum 250V AC (RMS)/DC

### **Material Info**

### **Reference - Drawing Numbers**

Application Specification AS-46114-001  
Product Specification PS-46114-001  
Sales Drawing SD-46114-120

This document was generated on 04/28/2015

**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 [Heavy Duty Power Connectors](#) category:*

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

Other Similar products are found below :

[1424439](#) [1424438](#) [09330062652](#) [2-8675P1](#) [605601-1](#) [6340G1](#) [6341G1](#) [6360G1](#) [6373G1](#) [6374g2](#) [6396G1](#) [647757-1](#) [66394-4](#) [6643411-1](#)  
[6646058-2](#) [6646137-1](#) [6646138-1](#) [6646348-1](#) [6646479-1](#) [6646608-1](#) [6646786-1](#) [6646940-1](#) [6651091-1](#) [6651525-1](#) [6651529-1](#) [6651778-1](#)  
[6651788-1](#) [696465-1](#) [696475-1](#) [73000005059](#) [73000005349](#) [73000005642](#) [73080255059](#) [73080965046](#) [765-15-0080A](#) [765-16-0080B](#)  
[789.700-44](#) [789.700-54](#) [80-1010](#) [80-9](#) [827381-1](#) [829992-1](#) [902-77-02113](#) [PL00U-301-10D10](#) [PM103MOOLOO](#) [PM16S1620S32-50](#)  
[PM212MOOLOO](#) [PM309FOOLOO](#) [PM324FOOLCH](#) [PMHPAF11S03](#)