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**Part Number:** [46112-0403](#)  
**Status:** **Active**  
**Overview:** [EXTreme LPHPower™](#)  
**Description:** 12.00mm Pitch, EXTreme LPHPower™ Receptacle Header, Vertical, 4 Power Contact, Select Gold (Au) Plating, with BMI Guides

**Documents:**

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

**Agency Certification**

CSA LR19980  
 UL E29179

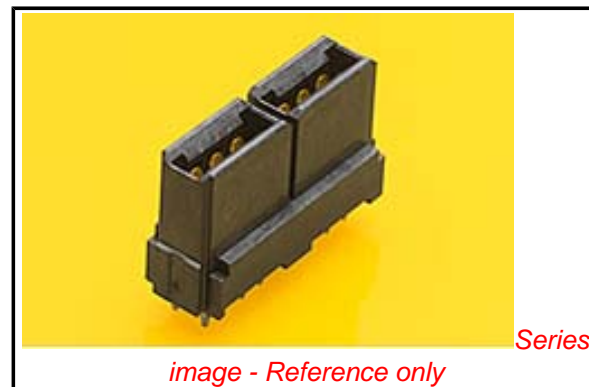
**General**

Product Family PCB Receptacles  
 Series [46112](#)  
 Application Board-to-Board, Power  
 Overview [EXTreme LPHPower™](#)  
 Product Name EXTreme LPHPower™  
 UPC 800756885797

**Physical**

(p)ower-(s)ignal Configuration 4p - 0s  
 Circuits (Loaded) 4  
 Circuits (maximum) 4  
 Color - Resin Black  
 Durability (mating cycles max) 250  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Guide to Mating Part Yes  
 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 4.380/g  
 Number of Rows 2  
 Orientation Vertical  
 PC Tail Length 2.58mm  
 PCB Locator No  
 PCB Retention None  
 Packaging Type Tray  
 Pitch - Mating Interface 12.00mm  
 Pitch - Termination Interface 12.00mm  
 Plating min - Mating 0.762µm  
 Plating min - Termination 1.270µm  
 Polarized to Mating Part Yes  
 Polarized to PCB Yes  
 Stackable No  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating -40°C to +105°C  
 Termination Interface: Style Through Hole

**Electrical**



**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**

[46112Series](#)

**Mates With**

[45985](#) EXTreme LPHPower™ Header

Current - Maximum per Contact  
Grounding to PCB  
Voltage - Maximum

Contact Molex  
No  
250V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Product Specification  
Sales Drawing

PS-46114-001  
SD-46112-200

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