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**Part Number:** **0461120803**  
**Status:** **Active**  
**Overview:** EXTreme LPHPower Connectors  
**Description:** 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 8 Power Contact, Select Gold (Au) Plating, with BMI Guides

**Documents:**

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

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

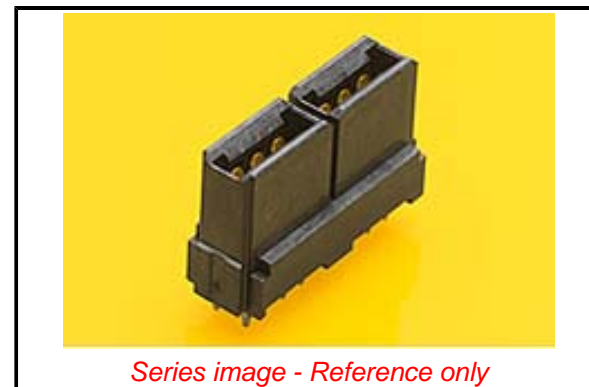
Product Family PCB Receptacles  
 Series 46112  
 Application Board-to-Board, Power  
 Overview EXTreme LPHPower Connectors  
 Product Name EXTreme LPHPower  
 UPC 800756885865

**Physical**

(p)ower-(s)ignal Configuration 8p - 0s  
 Circuits (Loaded) 8  
 Circuits (maximum) 8  
 Color - Resin Black  
 Durability (mating cycles max) 250  
 Flammability 94V-0  
 Glow-Wire Capable 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 8.200/g  
 Number of Rows 2  
 Orientation Vertical  
 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° to +105°C  
 Termination Interface: Style Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact Contact Molex  
 Grounding to PCB No



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/71/2019 (16 July  
 2019)

**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**

46112 Series

**Mates With**

45985 EXTreme LPHPower Header

Voltage - Maximum 250V AC (RMS)/DC

**Solder Process Data**

Lead-freeProcess Capability N/A

**Material Info**

**Reference - Drawing Numbers**

Product Specification PS-46114-001-001

Sales Drawing SD-46112-200

Symbol/Footprint Data SYM-46112-0803

This document was generated on 10/11/2019

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