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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
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 - Compliant Pin

Electrical

Current - Maximum per Contact Contact Molex



image - Reference only

Series

EU RoHS

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

China RoHS



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environmental compliance?**

Email 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

No
250V AC (RMS)/DC

Reference - Drawing Numbers

PS-46114-001
SD-46112-200

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