

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [46112-0803](#)
Status: **Active**
Overview: [EXTreme LPHPower™](#)
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 \(PDF\)](#)
[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 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 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 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°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



Need more information on product 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

Grounding to PCB
Voltage - Maximum

No
250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-46114-001
SD-46112-200

This document was generated on 12/17/2014

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION