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Part Number: [46112-1003](#)
Status: **Active**
Overview: [EXTreme LPHPower™](#)
Description: 12.00mm Pitch, EXTreme LPHPower™ Receptacle Header, Vertical, 10 Power Contact, Select Gold (Au) Plating, with 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 LR19980
 UL E29179

General

Product Family PCB Receptacles
 Series [46112](#)
 Application Board-to-Board, Power
 Overview [EXTreme LPHPower™](#)
 Product Name EXTreme LPHPower™
 UPC 800756885902

Physical

(p)ower-(s)ignal Configuration 10p - 0s
 Circuits (Loaded) 10
 Circuits (maximum) 10
 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 10.110/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

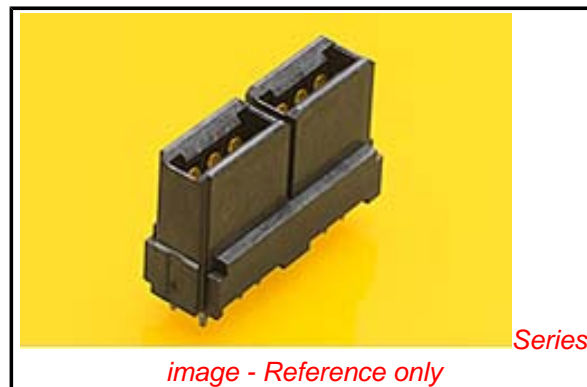


image - Reference only

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

Current - Maximum per Contact
Grounding to PCB
Voltage - Maximum

Contact Molex
No
250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification	AS-46114-001
Product Specification	PS-46114-001
Sales Drawing	SD-46112-200

This document was generated on 06/05/2013

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