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Part Number:

46114-2201

Status:

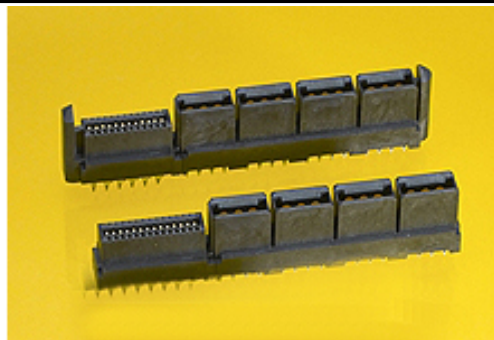
Active

Overview:

EXTreme LPHPower™

Description:

1.27mm, 12.00mm Pitch, EXTreme LPHPower™ Receptacle Header, Vertical, 2 Power Contacts, 20 Signal Contacts, Select Gold (Au) Plating, without BMI Guides



Series

image - Reference only

Documents:

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

Agency Certification

CSA

LR19880

UL

E29179

General

Product Family

PCB Receptacles

Series

46114

Application

Board-to-Board, Power

Application Tooling Part Link

62100-6300

Application Tooling Part Link

62201-8671

Comments

Press Fit Pin

Overview

EXTreme LPHPower™

Product Name

EXTreme LPHPower™

UPC

756054923054

Physical

(p)ower-(s)ignal Configuration

2p - 20s

Circuits (Loaded)

22

Circuits (maximum)

22

Color - Resin

Black

Durability (mating cycles max)

250

Flammability

94V-0

Glow-Wire Compliant

No

Guide to Mating Part

No

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

4.320/g

Number of Rows

2

Orientation

Vertical

PCB Locator

No

PCB Retention

None

Packaging Type

Tray

Pitch - Mating Interface

1.27mm, 12.00mm

Pitch - Termination Interface

1.27mm, 2.50mm

Plating min - Mating

0.762µm

Plating min - Termination

2.540µm

Polarized to Mating Part

Yes

Polarized to PCB

Yes

Stackable

No

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

-40°C to +105°C

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

46114Series

Mates With

45985 EXTreme LPHPower™ Header

Application Tooling | FAQ

Tooling specifications and manuals are
found by selecting the products below.
Crimp Height Specifications are then
contained in the Application Tooling
Specification document.

Global

Description	Product #
LPH Vertical Receptacle Power Terminal Removal Tool	0621006300
Vertical Receptacle Press-In Tool	0622018671

Termination Interface: Style

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

30A

Grounding to PCB

No

Voltage - Maximum

250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification

AS-46114-001

Product Specification

PS-46114-001

Sales Drawing

SD-46114-200

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