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Part Number:

46114-6160

Status:

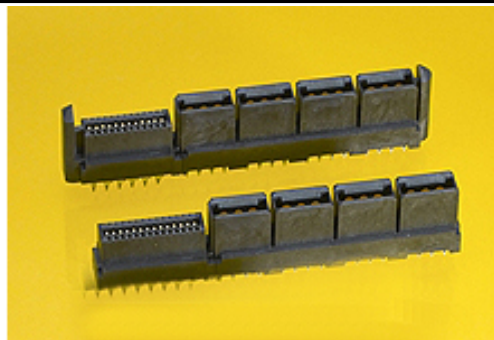
Active

Overview:

EXTreme LPHPower™

Description:

1.27mm, 12.00mm Pitch, EXTreme LPHPower™ Receptacle Header, Vertical, 6 Power Contacts, 16 Signal Contacts, Select Gold (Au) Plating, with 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

62201-8672

Comments

Press Fit Pin

Overview

EXTreme LPHPower™

Product Name

EXTreme LPHPower™

UPC

800756886671

Physical

(p)ower-(s)ignal Configuration

6p - 16s

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

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

8.194/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

Not Reviewed

Low-Halogen Status

Not Reviewed

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	0622018672

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-46114-600

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