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Part Number:

46114-4401

Status:

Active

Overview:

EXTreme LPHPower™

Description:

1.27mm, 12.00mm Pitch, EXTreme LPHPower™ Receptacle Header, Vertical, 4 Power Contacts, 40 Signal Contacts, Select Gold (Au) Plating, without BMI Guides

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

756054923160

Physical

(p)ower-(s)ignal Configuration

4p - 40s

Circuits (Loaded)

44

Circuits (maximum)

44

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

8.360/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

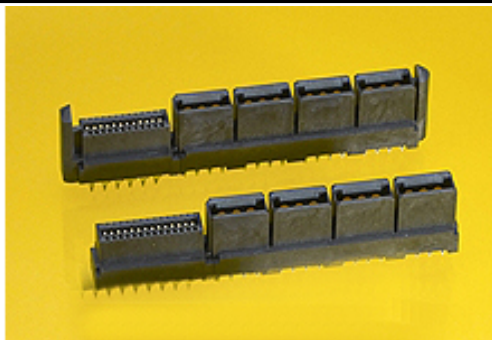


image - Reference only

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
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-46114-400

This document was generated on 10/08/2014

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