

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0461141216

Status:

Active

Overview:

EXTreme LPHPower Connectors

Description:

1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, Compliant Pin, 12 Power Contacts, 16 Signal Contacts, Select Gold (Au) Plating, with BMI Guides

Documents:

3D Model

Drawing (PDF)

Product Specification PS-46114-001-001 (PDF)

Application Specification AS-46114-001-001 (PDF)

Packaging Specification PK-46114-003 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

UL

LR19880

E29179

Application tooling part link

Application Tooling Part Link

Application Tooling Part Link

62100-6300

62201-8672

General

Product Family

Series

Application

Comments

Overview

Product Name

UPC

PCB Receptacles

46114

Board-to-Board, Power

Press Fit Pin, Press Fit Pin

EXTreme LPHPower Connectors

EXTreme LPHPower

800756886367

Physical

(p)ower-(s)ignal Configuration

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Flammability

Glow-Wire Capable

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PCB Locator

PCB Retention

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Plating min - Mating

Plating min - Termination

Polarized to Mating Part

Polarized to PCB

Stackable

Surface Mount Compatible (SMC)

12p - 16s

28

28

Black

250

94V-0

No

Yes

None

None

High Performance Alloy (HPA)

Gold

Tin

High Temperature Thermoplastic

13.924/g

2

Vertical

No

None

Tube

1.27mm, 12.00mm

1.27mm, 2.50mm

0.762µm

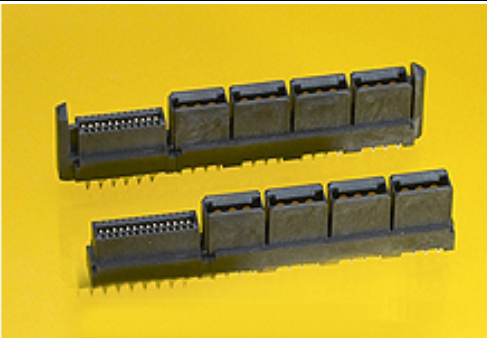
2.540µm

Yes

Yes

No

Yes



Series image - Reference only

EU ELV

Not Reviewed

EU RoHS

China RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

For more information, please visit

Contact US

China ROHS

Not Reviewed

ELV

Not Reviewed

RoHS Phthalates

Not Reviewed

Search Parts in this Series

46114 Series

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	621006300
Vertical Receptacle Press-In Tool	622018672

Temperature Range - Operating

Termination Interface: Style

-40° to +105°C

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

Grounding to PCB

Voltage - Maximum

30.0A

No

250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification

Packaging Specification

Product Specification

Sales Drawing

Symbol/Footprint Data

AS-46114-001-001

PK-46114-003

PS-46114-001-001

SD-46114-120

SYM-46114-1216

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Authorized Distributor

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Molex:

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