

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0461142280

Status:

Active

Overview:

EXTreme LPHPower™ Connectors

Description:

1.27mm, 12.00mm Pitch, EXTreme LPHPower™ Receptacle Header, Vertical, 2 Power Contacts, 28 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

General

Product Family

Series

Application

Application Tooling Part Link

Application Tooling Part Link

Comments

Overview

Product Name

UPC

PCB Receptacles

46114

Board-to-Board, Power

62100-6300

62201-8671

Press Fit Pin

EXTreme LPHPower™ Connectors

EXTreme LPHPower™

800756886558

Physical

(p)ower-(s)ignal Configuration

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Flammability

Glow-Wire Compliant

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)

Temperature Range - Operating

Termination Interface: Style

2p - 28s

30

30

Black

250

94V-0

No

Yes

None

None

High Performance Alloy (HPA)

Gold

Tin

High Temperature Thermoplastic

5.652/g

2

Vertical

No

None

Tray

1.27mm, 12.00mm

1.27mm, 2.50mm

0.762µm

2.540µm

Yes

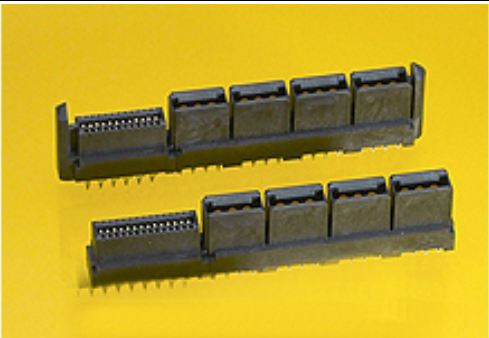
Yes

No

Yes

-40°C to +105°C

Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Reviewed

EU RoHS

China RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

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	0621006300
Vertical Receptacle Press-In Tool	0622018671

Electrical

Current - Maximum per Contact	30.0A
Grounding to PCB	No
Voltage - Maximum	250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification	AS-46114-001-001
Packaging Specification	PK-46114-003
Product Specification	PS-46114-001-001
Sales Drawing	SD-46114-140, SD-46114-200

This document was generated on 11/17/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION