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Part Number:

0461142281

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, without BMI Guides

Documents:

3D Model

Application Specification AS-46114-001 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-46114-001 (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™ Connectors

Product Name

EXTreme LPHPower™

UPC

756054923078

Physical

(p)ower-(s)ignal Configuration

2p - 28s

Circuits (Loaded)

30

Circuits (maximum)

30

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

5.172/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)

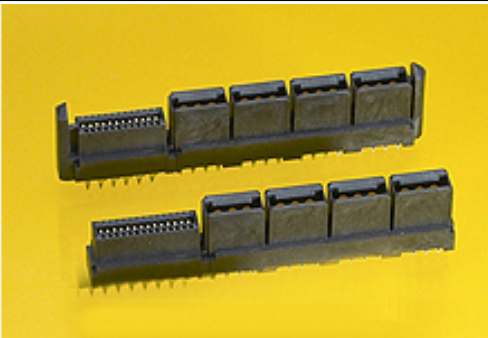
Yes

Temperature Range - Operating

-40°C to +105°C

Termination Interface: Style

Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Contains SVHC(2014 December 17): No

Halogen-Free

Status

Low-Halogen

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

Green Image

ELV

Not Relevant

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

Electrical

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

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Application Specification	AS-46114-001
Product Specification	PS-46114-001
Sales Drawing	SD-46114-200

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