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Part Number:

0461141036

Status:

Active

Overview:

EXTreme LPHPower Connectors

Description:

1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 10 Power Contacts, 36 Signal Contacts, Select Gold (Au) Plating, with BMI Guides

Documents:

3D Model

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

3D Model (PDF)

Packaging Specification PK-46114-003-001 (PDF)

Drawing (PDF)

Symbol Footprint Data SYM-46114-1036-001 (PDF)

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

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19880

UL

E29179

Application tooling part link

Application Tooling Part Link

62100-6300

Application Tooling Part Link

62201-8672

General

Product Family

PCB Receptacles

Series

46114

Application

Board-to-Board, Power

Comments

Press Fit Pin

Overview

EXTreme LPHPower Connectors

Product Name

EXTreme LPHPower

UPC

800756886336

Physical

(p)ower-(s)ignal Configuration

10p - 36s

Circuits (Loaded)

46

Circuits (maximum)

46

Color - Resin

Black

Durability (mating cycles max)

250

Flammability

94V-0

Glow-Wire Capable

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

14.144/g

Number of Rows

2

Orientation

Vertical

PCB Locator

No

PCB Retention

None

Packaging Type

Tube

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

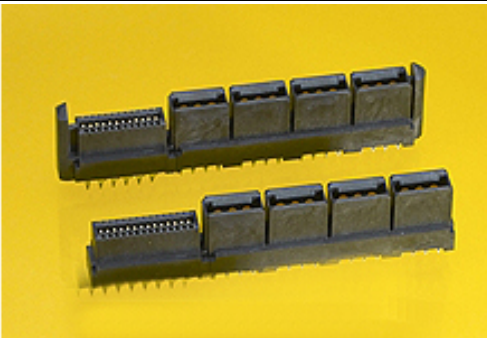
Yes

Polarized to PCB

Yes

Stackable

No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

Green Image

REACH SVHC

Not Contained Per -

Not Contained Per -

D(2021)4569-DC (8

July 2021)

Not Relevant

Halogen-Free

Not Contained

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

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 |

|                                    |                              |
|------------------------------------|------------------------------|
| Surface Mount Compatible (SMC)     | Yes                          |
| Temperature Range - Operating      | -40° to +105°C               |
| Termination Interface: Style       | Through Hole - Compliant Pin |
| <b>Electrical</b>                  |                              |
| Current - Maximum per Contact      | 30.0A                        |
| Grounding to PCB                   | No                           |
| Voltage - Maximum                  | 250V AC (RMS)/DC             |
| <b>Material Info</b>               |                              |
| <b>Reference - Drawing Numbers</b> |                              |
| Application Specification          | AS-46114-001-001             |
| Packaging Specification            | PK-46114-003-001             |
| Product Specification              | PS-46114-001-001             |
| Sales Drawing                      | SD-46114-100-001             |
| Symbol/Footprint Data              | SYM-46114-1036-001           |

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