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Part Number:

0461141432

Status:

Active

Overview:

EXTreme LPHPower Connectors

Description:

1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, Compliant Pin, 14 Power Contacts, 32 Signal Contacts, Select Gold (Au) Plating, with BMI Guides

Documents:

3D Model

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

Drawing (PDF)

Packaging Specification PK-46114-003 (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, Press Fit Pin

Overview

EXTreme LPHPower Connectors

Product Name

EXTreme LPHPower

UPC

800756886480

Physical

(p)ower-(s)ignal Configuration

14p - 32s

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

17.538/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

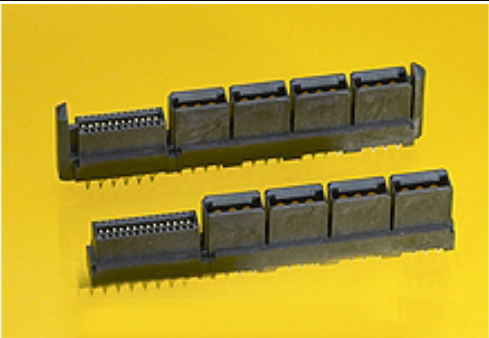
Yes

Stackable

No

Surface Mount Compatible (SMC)

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-46114-140

SYM-46114-1432

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