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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

3D Model (PDF)

Drawing (PDF)

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

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

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

Symbol Footprint Data SYM-46114-1432-001 (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

EXTreme LPHPower Connectors

EXTreme LPHPower

800756886480

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

14p - 32s

46

46

Black

250

94V-0

No

Yes

None

None

High Performance Alloy (HPA)

Gold

Tin

High Temperature Thermoplastic

17.538/g

2

Vertical

No

None

Tube

1.27mm, 12.00mm

1.27mm, 2.50mm

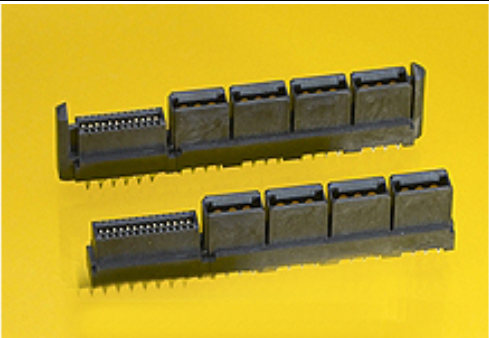
0.762µm

2.540µm

Yes

Yes

No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per - D(2021)4569-DC (8 July 2021)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

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
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-46114-003-001
Product Specification	PS-46114-001-001
Sales Drawing	SD-46114-140-001
Symbol/Footprint Data	SYM-46114-1432-001

This document was generated on 01/07/2022

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Mouser Electronics

Authorized Distributor

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Molex:

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