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Part Number:

0461148280

Status:

Active

Overview:

EXTreme LPHPower Connectors

Description:

1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, Compliant Pin, 8 Power Contacts, 28 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-46114-8280-001 (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

62201-8671

General

Product Family

Series

Application

Comments

Component Type

Overview

Product Name

Taxonomy

UPC

PCB Receptacles

46114

Board-to-Board, Power

Press Fit Pin

PCB Receptacle

EXTreme LPHPower Connectors

EXTreme LPHPower

Board-to-Board Connectors

800756886763

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

8p - 28s

32

32

Black

250

94V-0

No

Yes

None

None

High Performance Alloy (HPA)

Gold

Tin

High Temperature Thermoplastic

11.382/g

2

Vertical

No

None

Tube

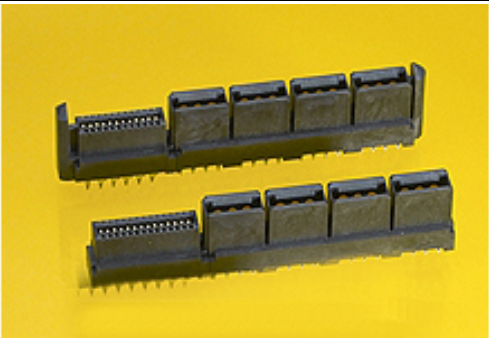
1.27mm, 12.00mm

1.27mm, 2.50mm

0.762µm

2.540µm

Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per -

D(2022)4187-DC (10

June 2022)

Halogen-Free

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

622018671

Polarized to PCB	Yes
Stackable	No
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
Solder Process Data	
Lead-freeProcess Capability	N/A
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-46114-800-001
Symbol/Footprint Data	SYM-46114-8280-001

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