

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0461141028

Status:

Active

Overview:

EXTreme LPHPower Connectors

Description:

1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 10 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-46114-1028-001 (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

800756886312

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

10p - 28s

38

38

Black

250

94V-0

No

Yes

None

None

High Performance Alloy (HPA)

Gold

Tin

High Temperature Thermoplastic

13.292/g

2

Vertical

No

None

Tube

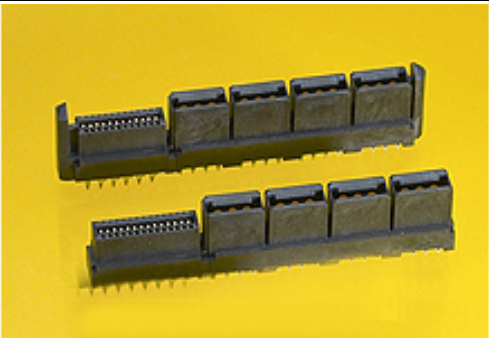
1.27mm, 12.00mm

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-46114-100-001
Symbol/Footprint Data	SYM-46114-1028-001

This document was generated on 01/07/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION