

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0461141016

Status:

Active

Overview:

EXTreme LPHPower Connectors

Description:

1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 10 Power Contacts, 16 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-46114-1016-001 (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

800756886282

Physical

(p)ower-(s)ignal Configuration

10p - 16s

Circuits (Loaded)

26

Circuits (maximum)

26

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

12.140/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

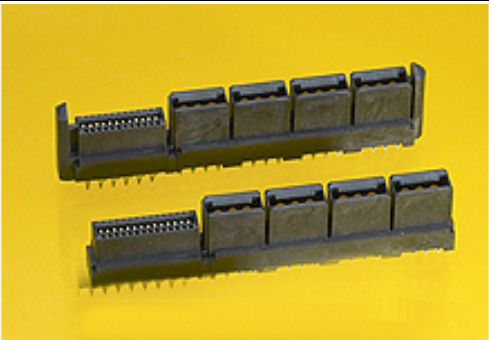
Yes

Polarized to PCB

Yes

Stackable

No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

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
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-46114-1016-001

This document was generated on 09/20/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[46114-1016](#)