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Part Number:

0461120401

Status:

Active

Overview:

EXTreme LPHPower Connectors

Description:

12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 4 Power Contact, Select Gold (Au) Plating, without BMI Guides

Documents:

3D Model

Packaging Specification PK-46114-003 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

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

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Receptacles

Series

46112

Application

Board-to-Board, Power

Overview

EXTreme LPHPower Connectors

Product Name

EXTreme LPHPower

UPC

800756842004

Physical

(p)ower-(s)ignal Configuration

4p - 0s

Circuits (Loaded)

4

Circuits (maximum)

4

Color - Resin

Black

Durability (mating cycles max)

250

Flammability

94V-0

Glow-Wire Capable

No

Guide to Mating Part

No

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

3.750/g

Number of Rows

2

Orientation

Vertical

PCB Locator

No

PCB Retention

None

Packaging Type

Tray

Pitch - Mating Interface

12.00mm

Pitch - Termination Interface

12.00mm

Plating min - Mating

0.762µm

Plating min - Termination

1.270µm

Polarized to Mating Part

Yes

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

Contact Molex



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

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

46112 Series

Mates With

45985 EXTreme LPHPower Header

Grounding to PCB	No
Voltage - Maximum	250V AC (RMS)/DC
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-46114-003
Product Specification	PS-46114-001-001
Sales Drawing	SD-46112-200
Symbol/Footprint Data	SYM-46112-0401

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