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Part Number:

46112-1203

Status:

Active

Overview:

EXTreme LPHPower™

Description:

12.00mm Pitch, EXTreme LPHPower™ Receptacle Header, Vertical, 12 Power Contact, Select Gold (Au) Plating, with BMI Guides

Documents:

3D Model

Drawing (PDF)

Product Specification PS-46114-001 (PDF)

Application Specification AS-46114-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Application

Overview

Product Name

UPC

PCB Receptacles

46112

Board-to-Board, Power

EXTreme LPHPower™

EXTreme LPHPower™

800756885940

Physical

(p)ower-(s)ignal Configuration

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Flammability

Glow-Wire Compliant

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

PC Tail Length

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

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

12p - 0s

12

12

Black

250

94V-0

No

Yes

None

None

High Performance Alloy (HPA)

Gold

Tin

High Temperature Thermoplastic

12.020/g

2

Vertical

2.58mm

No

None

Tray

12.00mm

12.00mm

0.762µm

1.270µm

Yes

Yes

No

Yes

-40°C to +105°C

Through Hole



image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

46112Series

Mates With

45985 EXTreme LPHPower™ Header

Electrical

Current - Maximum per Contact	Contact Molex
Grounding to PCB	No
Voltage - Maximum	250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification	AS-46114-001
Product Specification	PS-46114-001
Sales Drawing	SD-46112-200

This document was generated on 02/22/2013

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