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Part Number: [0461120203](#)
Status: **Active**
Overview: [EXTreme LPHPower Connectors](#)
Description: 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 2 Power Contact, Select Gold (Au) Plating, with 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

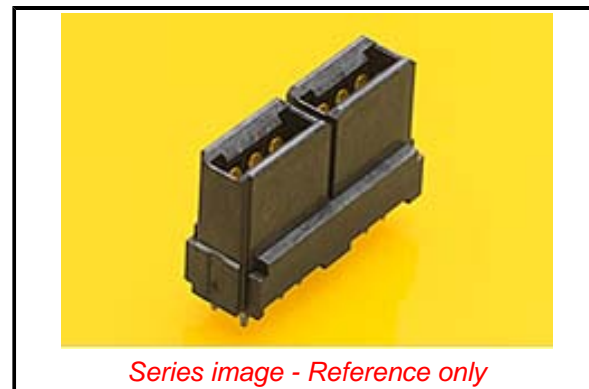
Product Family PCB Receptacles
 Series [46112](#)
 Application Board-to-Board, Power
 Overview [EXTreme LPHPower Connectors](#)
 Product Name EXTreme LPHPower
 UPC 800756885773

Physical

(p)ower-(s)ignal Configuration 2p - 0s
 Circuits (Loaded) 2
 Circuits (maximum) 2
 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 2.470/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

REACH SVHC

Not Contained Per -
 ED/61/2018 (27 June
 2018)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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-free Process Capability	N/A
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Material Info

Reference - Drawing Numbers

Packaging Specification	PK-46114-003
Product Specification	PS-46114-001-001
Sales Drawing	SD-46112-200

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