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Part Number: [0461120601](#)
Status: **Active**
Overview: [EXTreme LPHPower Connectors](#)
Description: 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 6 Power Contact, Select Gold (Au) Plating, without BMI Guides

Documents:

[3D Model](#) [Drawing \(PDF\)](#)
[3D Model \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

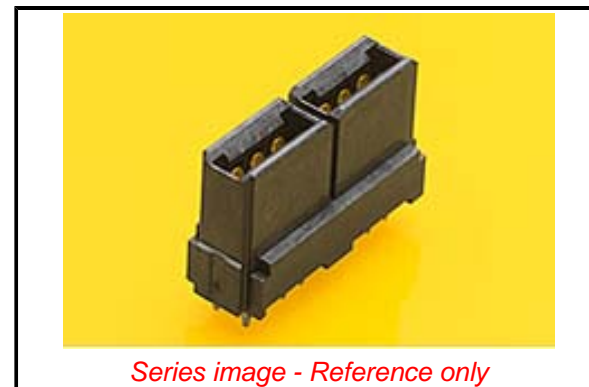
Product Family PCB Receptacles
 Series [46112](#)
 Application Board-to-Board, Power
 Overview [EXTreme LPHPower Connectors](#)
 Product Name EXTreme LPHPower
 UPC 800756885810

Physical

(p)ower-(s)ignal Configuration 6p - 0s
 Circuits (Loaded) 6
 Circuits (maximum) 6
 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 5.660/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
 Grounding to PCB No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 D(2020)4578-DC (25
 June 2020)

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

Voltage - Maximum

250V AC (RMS)/DC

Solder Process Data

Lead-free Process Capability

N/A

Material Info

This document was generated on 09/09/2020

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