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Part Number: **0461148160**
Status: **Active**
Overview: EXTreme LPHPower Connectors
Description: 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, Compliant Pin, 8 Power Contacts, 16 Signal Contacts, Select Gold (Au) Plating, with BMI Guides

Documents:

[3D Model](#) [Application Specification AS-46114-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [Packaging Specification PK-46114-003 \(PDF\)](#)
[Product Specification PS-46114-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

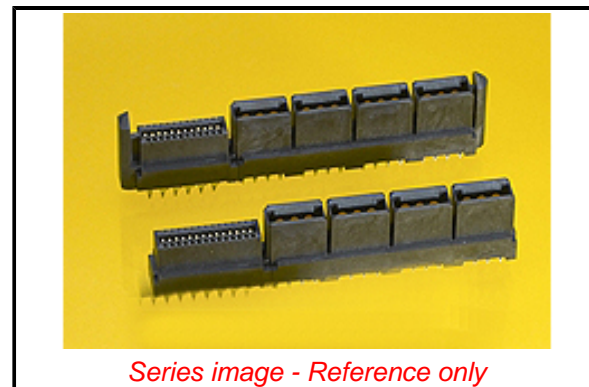
CSA LR19880
 UL E29179

General

Product Family PCB Receptacles
 Series 46114
 Application Board-to-Board, Power
 Application Tooling Part Link 62100-6300
 Application Tooling Part Link 62201-8672
 Comments Press Fit Pin
 Overview [EXTreme LPHPower Connectors](#)
 Product Name EXTreme LPHPower
 UPC 800756886756

Physical

(p)ower-(s)ignal Configuration 8p - 16s
 Circuits (Loaded) 24
 Circuits (maximum) 24
 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 10.104/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
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating -40° to +105°C
 Termination Interface: Style Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Reviewed

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

China ROHS

Not Reviewed

ELV

Not Reviewed

RoHS Phthalates

Not Reviewed

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

Electrical

Current - Maximum per Contact	30.0A
Grounding to PCB	No
Voltage - Maximum	250V AC (RMS)/DC

Material Info**Reference - Drawing Numbers**

Application Specification	AS-46114-001-001
Packaging Specification	PK-46114-003
Product Specification	PS-46114-001-001
Sales Drawing	SD-46114-800

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