

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

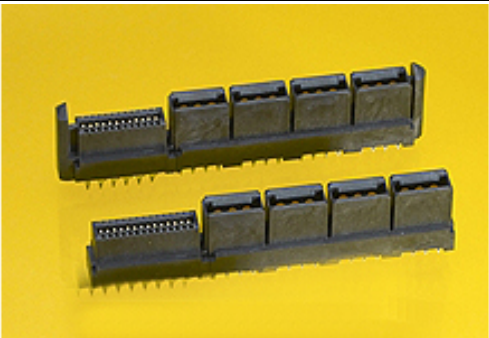
Part Number: [0461144361](#)
Status: **Active**
Overview: [EXTreme LPHPower™ Connectors](#)
Description: 1.27mm, 12.00mm Pitch, EXTreme LPHPower™ Receptacle Header, Vertical, 4 Power Contacts, 36 Signal Contacts, Select Gold (Au) Plating, without BMI Guides

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 756054923153

Physical
(p)ower-(s)ignal Configuration 4p - 36s
Circuits (Loaded) 40
Circuits (maximum) 40
Color - Resin Black
Durability (mating cycles max) 250
Flammability 94V-0
Glow-Wire Compliant 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 7.934/g
Number of Rows 2
Orientation Vertical
PCB Locator No
PCB Retention None
Packaging Type Tray
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°C to +105°C
Termination Interface: Style Through Hole - Compliant Pin



Series image - Reference only

EU ELV
Not Reviewed

EU RoHS **China RoHS**
Not Reviewed
REACH SVHC
Not Reviewed
Halogen-Free
Status
Not Reviewed
Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Not Reviewed
ELV	Not Reviewed
RoHS Phthalates	Not Reviewed

Search Parts in this Series
[46114](#) Series

Mates With
[45985](#) EXTreme LPHPower™ Header

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-46114-400

This document was generated on 08/29/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION