

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

46114-8120

Status:

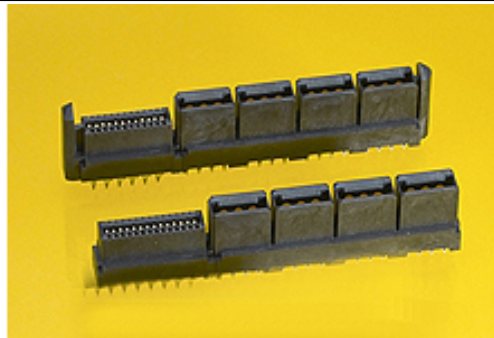
Active

Overview:

EXTreme LPHPower™

Description:

1.27mm, 12.00mm Pitch, EXTreme LPHPower™ Receptacle Header, Vertical, Compliant Pin, 8 Power Contacts, 12 Signal Contacts, Select Gold (Au) Plating, with BMI Guides



Series

image - Reference only

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	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™
Product Name	EXTreme LPHPower™
UPC	800756886749

Physical

(p)ower-(s)ignal Configuration	8p - 12s
Circuits (Loaded)	20
Circuits (maximum)	20
Color - Resin	Black
Durability (mating cycles max)	250
Flammability	94V-0
Glow-Wire Compliant	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	9.678/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

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

46114Series

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	0621006300
Receptacle Power	
Terminal Removal	
Tool	
Vertical Receptacle	0622018672
Press-In Tool	

Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	30A
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-46114-800

This document was generated on 06/25/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION