

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0461141216

Status:

Active

Overview:

EXTreme LPHPower™ Connectors

Description:

1.27mm, 12.00mm Pitch, EXTreme LPHPower™ Receptacle Header, Vertical, Compliant Pin, 12 Power Contacts, 16 Signal Contacts, Select Gold (Au) Plating, with BMI Guides

Documents:

3D Model

Application Specification AS-46114-001-001 (PDF)

Drawing (PDF)

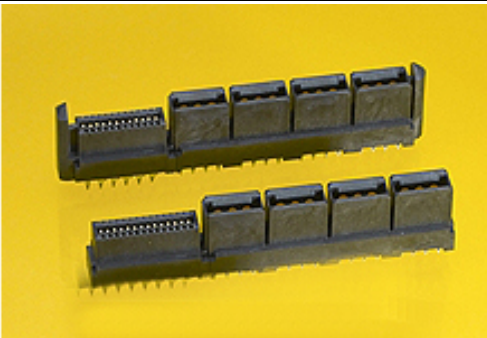
Packaging Specification PK-46114-003 (PDF)

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		800756886367

Physical		
(p)ower-(s)ignal Configuration		12p - 16s
Circuits (Loaded)		28
Circuits (maximum)		28
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		13.924/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



Series image - Reference only

EU ELV

Not Reviewed

EU RoHS

Not Reviewed

China RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Not Reviewed

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

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	0621006300
Vertical Receptacle Press-In Tool	0622018672

Termination Interface: Style	Through Hole - Compliant Pin
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-46114-120

This document was generated on 11/17/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION