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Part Number:

46114-1225

Status:

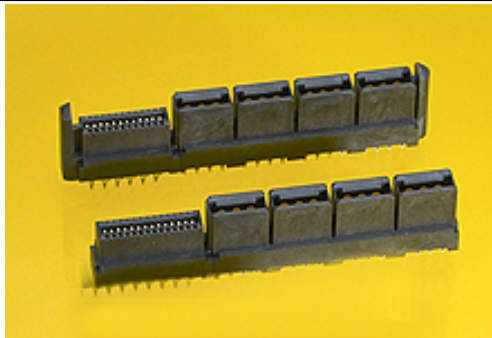
Active

Overview:

EXTreme LPHPower™

Description:

1.27mm, 12.00mm Pitch, EXTreme LPHPower™ Receptacle Header, Vertical, Compliant Pin, 12 Power Contacts, 24 Signal Contacts, Select Gold (Au) Plating, without 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	621006300
Application Tooling Part Link	622018671
Comments	Press Fit Pin
Overview	EXTreme LPHPower™
Product Name	EXTreme LPHPower™

Physical

(p)ower-(s)ignal Configuration	12p - 24s
Circuits (Loaded)	36
Circuits (maximum)	36
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
Number of Rows	2
Orientation	Vertical
PC Tail Length	2.52mm, 2.58mm
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

EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Reviewed

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 #
Vertical Receptacle	0622018671
Press-In Tool	
LPH Vertical	0621006300
Receptacle Power	
Terminal Removal	
Tool	

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	
Old Part Number	46114-1224
UPC	756054922903
Reference - Drawing Numbers	
Application Specification	AS-46114-001
Product Specification	PS-46114-001
Sales Drawing	SD-46114-120

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