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Part Number:

0461148401

Status:

Active

Overview:

EXTreme LPHPower™ Connectors

Description:

1.27mm, 12.00mm Pitch, EXTreme LPHPower™ Receptacle Header, Vertical, Compliant Pin, 8 Power Contacts, 40 Signal Contacts, Select Gold (Au) Plating, without BMI Guides

Documents:

3D Model

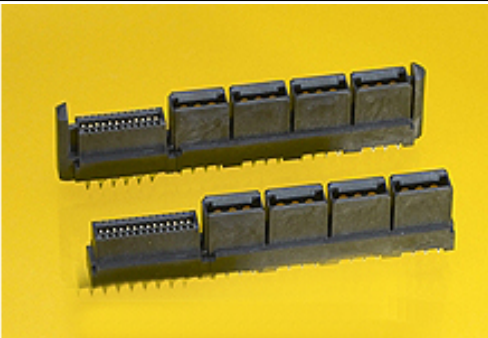
Application Specification AS-46114-001 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-46114-001 (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	62201-8671
Comments	Press Fit Pin
Overview	EXTreme LPHPower™ Connectors
Product Name	EXTreme LPHPower™
UPC	756054923313
Physical	
(p)ower-(s)ignal Configuration	8p - 40s
Circuits (Loaded)	48
Circuits (maximum)	48
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	12.180/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 Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Contains SVHC(2014 December 17): No

Halogen-Free

Status

Low-Halogen

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	Green Image
ELV	Not Relevant

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 #
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	30.0A
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

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