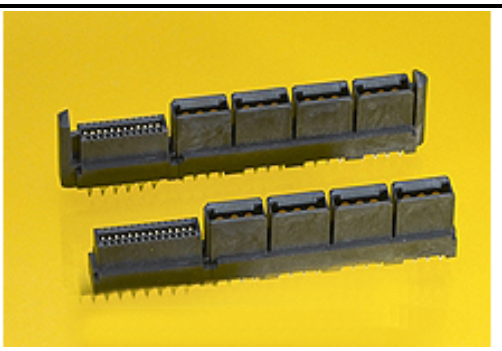
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Part Number: 0461142280
Status: Active
Overview: EXTreme LPHPower™ Connectors
Description: 1.27mm, 12.00mm Pitch, EXTreme LPHPower™ Receptacle Header, Vertical, 2 Power Contacts, 28 Signal Contacts, Select Gold (Au) Plating, with BMI Guides



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-46114-001-001 (PDF)
Application Specification AS-46114-001-001 (PDF)
Packaging Specification PK-46114-003 (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	62201-8671
Comments	Press Fit Pin
Overview	EXTreme LPHPower™ Connectors
Product Name	EXTreme LPHPower™
UPC	800756886558

Physical

(p)ower-(s)ignal Configuration	2p - 28s
Circuits (Loaded)	30
Circuits (maximum)	30
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	5.652/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

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

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	0622018671

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-46114-140, SD-46114-200

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