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Part Number: [0461141441](#)
Status: **Active**
Overview: EXTreme LPHPower™ Connectors
Description: 1.27mm, 12.00mm Pitch, EXTreme LPHPower™ Receptacle Header, Vertical, Compliant Pin, 14 Power Contacts, 40 Signal Contacts, Select Gold (Au) Plating, without 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

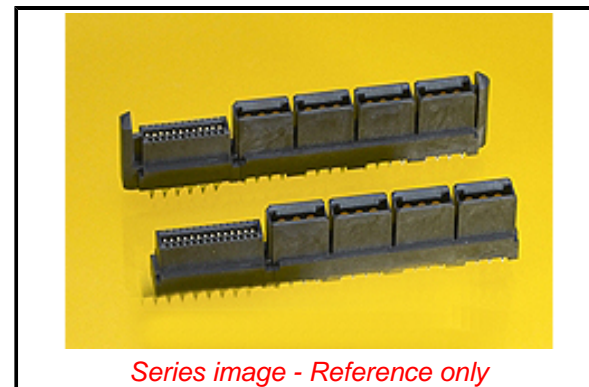
CSA	LR19880
UL	E29179

General

Product Family	PCB Receptacles
Series	46114
Application	Board-to-Board, Power
Application Tooling Part Link	62100-6300
Application Tooling Part Link	62201-8671
Comments	Press Fit Pin
Overview	<u>EXTreme LPHPower™ Connectors</u>
Product Name	EXTreme LPHPower™
UPC	756054923023

Physical

(p)ower-(s)ignal Configuration	14p - 40s
Circuits (Loaded)	54
Circuits (maximum)	54
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	17.910/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

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

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-46114-140

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