

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0461120201**
Status: **Active**
Overview: EXTreme LPHPower™ Connectors
Description: 12.00mm Pitch, EXTreme LPHPower™ Receptacle Header, Vertical, 2 Power Contact, 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	LR19980
UL	E29179

General

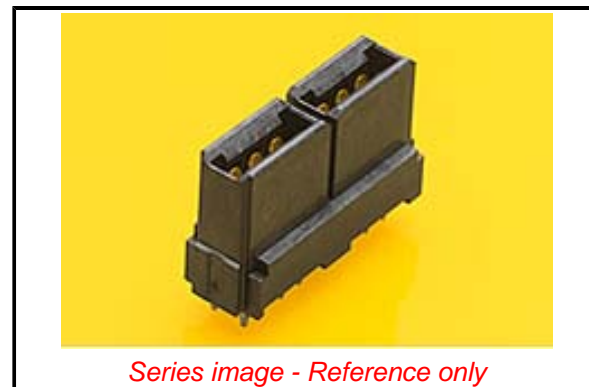
Product Family	PCB Receptacles
Series	46112
Application	Board-to-Board, Power
Overview	EXTreme LPHPower™ Connectors
Product Name	EXTreme LPHPower™
UPC	800756885759

Physical

(p)ower-(s)ignal Configuration	2p - 0s
Circuits (Loaded)	2
Circuits (maximum)	2
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	1.840/g
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Tray
Pitch - Mating Interface	12.00mm
Pitch - Termination Interface	12.00mm
Plating min - Mating	0.762µm
Plating min - Termination	1.270µm
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

Electrical

Current - Maximum per Contact	Contact Molex
-------------------------------	---------------



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

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
RoHS Phthalates	Not Contained

Search Parts in this Series

46112 Series

Mates With

45985 EXTreme LPHPower™ Header

Grounding to PCB	No
Voltage - Maximum	250V AC (RMS)/DC

Solder Process Data

Lead-free Process Capability	N/A
------------------------------	-----

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-46112-200

This document was generated on 08/22/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION