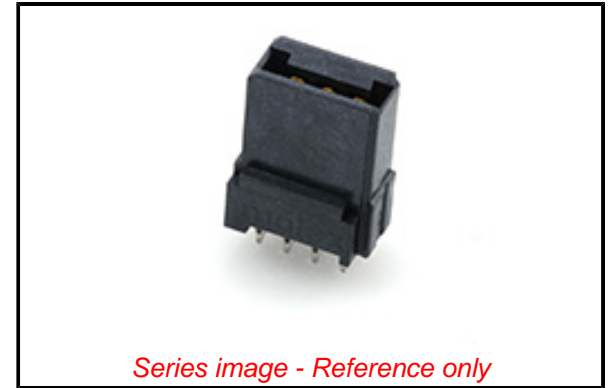


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**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:**

<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-46114-001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification PK-46114-003-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Symbol Footprint Data SYM-46112-0201-001 (PDF)</a>
<a href="#">Product Specification PS-46114-001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Receptacles
Series	46112
Application	Board-to-Board, Power
Component Type	PCB Receptacle
Overview	<a href="#">EXTreme LPHPower Connectors</a>
Product Name	EXTreme LPHPower
Taxonomy	Board-to-Board Connectors
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 Capable	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	Tube
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° to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained per -  
D(2022)9120-DC (17  
Jan 2023)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[46112](#) Series

**Mates With**

[45985](#) EXTreme LPHPower Header

**Electrical**

Current - Maximum per Contact	Contact Molex
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-46114-003-001
Product Specification	PS-46114-001-001
Sales Drawing	SD-46112-200-001
Symbol/Footprint Data	SYM-46112-0201-001

This document was generated on 03/23/2023

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**