



**Part Number :** 461130121

**Product Description :** 1.27mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 12 Signal Contact, Select Gold (Au) Plating, without BMI Guides



**Series Number :** 46113

**Status :** Active

**Product Category :** Board-to-Board Connectors

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## Documents & Resources

### Drawings

[461130121\\_sd.pdf](#)

[PK-46114-003-001.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

[SYM-46113-0121-001.zip](#)

### Specifications

[AS-46114-001-001.pdf](#)

[PS-46114-001-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

## Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

## Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## Substances of Interest

- PFAS

## EU RoHS Certificate of Compliance

## Additional Product Compliance Information

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## **Part Details**

### **General**

Status	Active
Category	Board-to-Board Connectors
Series	46113
Description	1.27mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 12 Signal Contact, Select Gold (Au) Plating, without BMI Guides
Application	Board-to-Board, Signal
Component Type	PCB Receptacle
Product Name	EXTreme LPHPower
UPC	800756886008

### **Agency**

CSA	LR19980
UL	E29179

### **Electrical**

Current - Maximum per Contact	1.0A
Grounding to PCB	No
Voltage - Maximum	250V AC (RMS)/DC

## Physical

Circuits (Loaded)	12
Circuits (maximum)	12
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	1.201/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tube
PCB Locator	No
PCB Retention	None
Pitch - Mating Interface	1.27mm
Pitch - Termination Interface	1.27mm
Plating min - Mating	0.762µm
Plating min - Termination	1.270µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
(p)ower-(s)ignal Configuration	12s - 0p
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole - Compliant Pin

## Solder Process Data

Lead-Free Process Capability	N/A
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## Mates With / Use With

## Mates with Part(s)

Description	Part Number
EXTreme LPHPower Right-Angle Plugs	<u>45985</u>

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