



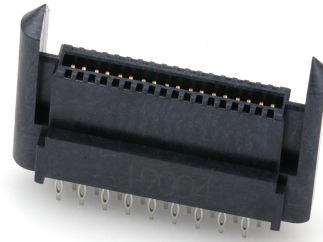
**Part Number :** [461130363](#)

**Product Description :** 1.27mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 36 Signal Contact, Select Gold (Au) Plating, with BMI Guides

**Series Number :** 46113

**Status :** Active

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



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## Documents & Resources

### Drawings

[Drawing 461130363\\_sd.pdf](#)

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

### 3D Models and Design Files

[3D Model PDF 461130363.pdf](#)

[3D Model 461130363\\_stp.zip](#)

[Symbol Footprint Data SYM-46113-0363-001.zip](#)

### Specifications

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

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

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## Product Environment Compliance

### Compliance

|                    |  |
|--------------------|--|
| GADSL/IMDS         | Not Relevant                                   |
| China RoHS         |  |
| EU ELV             | Not Relevant                                   |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                 |
| REACH SVHC         | Not Contained per D(2023)3788-DC (14 Jun 2023) |
| EU RoHS            | Compliant per EU 2015/863                      |

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

## Multiple Part Industry Compliance Documents

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

## EU RoHS Certificate of Compliance

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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, 36 Signal Contact, Select Gold (Au) Plating, with BMI Guides |
| Application    | Board-to-Board, Signal   |
| Component Type | PCB Receptacle   |
| Product Family | EXTreme LPHPower Connectors  |
| Product Name   | EXTreme LPHPower   |
| UPC            | 800756886237   |

#### 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)              | 36    |
| Circuits (maximum)             | 36    |
| Color - Resin                  | Black |
| Durability (mating cycles max) | 250   |

|                                |                                |
|--------------------------------|--------------------------------|
| Flammability                   | 94V-0                          |
| Glow-Wire Capable              | 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                     | 4.664/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 | 36s - 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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