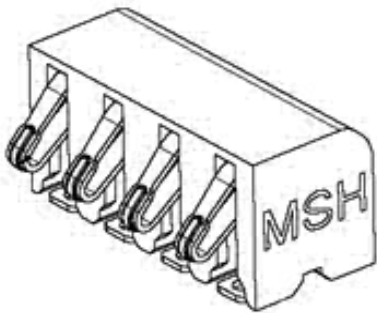




**Part Number :** [476150001](#)  
**Product Description :** 2.00mm Pitch Battery Connector, Surface Mount, Contact Width 0.67mm, 4 Circuits, Lead-Free  
**Series Number :** 47615  
**Status :** Not Recommended For New Design  
**Product Category :** PCB Headers and Receptacles



## Documents & Resources

### Drawings

[476150001 sd.pdf](#)  
[PK-47615-001-001.pdf](#)

### Specifications

[PS-47615-001-001.pdf](#)  
[TS-47615-001-010.pdf](#)

## 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         | Not Recommended For New Design                                                             |
| Category       | PCB Headers and Receptacles                                                                |
| Series         | 47615                                                                                      |
| Description    | 2.00mm Pitch Battery Connector, Surface Mount, Contact Width 0.67mm, 4 Circuits, Lead-Free |
| Application    | Board-to-Board, Signal                                                                     |
| Component Type | PCB Header                                                                                 |
| Product Name   | Battery Connector                                                                          |
| UPC            | 800756930022                                                                               |

### Electrical

|                               |            |
|-------------------------------|------------|
| Current - Maximum per Contact | 1.0A       |
| Voltage - Maximum             | 200V (RMS) |

### Physical

|                                |       |
|--------------------------------|-------|
| Breakaway                      | No    |
| Circuits (Loaded)              | 4     |
| Circuits (maximum)             | 4     |
| Color - Resin                  | Black |
| Durability (mating cycles max) | 5000  |
| First Mate / Last Break        | No    |
| Glow-Wire Capable              | No    |
| Guide to Mating Part           | No    |
| Keying to Mating Part          | None  |
| Lock to Mating Part            | None  |

|                                |                                |
|--------------------------------|--------------------------------|
| Material - Metal               | Beryllium Copper               |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Gold                           |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 0.128/g                        |
| Number of Rows                 | 1                              |
| Orientation                    | Right Angle                    |
| Packaging Type                 | Embossed Tape on Reel          |
| PCB Locator                    | No                             |
| PCB Retention                  | Yes                            |
| Pitch - Mating Interface       | 2.00mm                         |
| Pitch - Termination Interface  | 2.00mm                         |
| Plating min - Mating           | 0.762μm                        |
| Polarized to Mating Part       | Yes                            |
| Polarized to PCB               | No                             |
| Shrouded                       | No                             |
| Stackable                      | No                             |
| Temperature Range - Operating  | -40° to +85°C                  |
| Termination Interface Style    | Surface Mount                  |

### Solder Process Data

|                              |        |
|------------------------------|--------|
| Max-Duration                 | 10     |
| Lead-Free Process Capability | REFLOW |
| Max-Cycle                    | 3      |
| Max-Temp                     | 255    |