**Part Number :** 2218883321
**Product Description :** PowerWize 3.40mm, 2-circuit, Solder Tail, Mechanical Keying Option 1, Color Coded Black, Vertical Header, Tray
**Series Number :** 221888
**Status :** Active
**Product Category :** PCB Headers and Receptacles



## Documents and Resources

### Drawings

2218883321_sd.pdf

2218883321-PK-000.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

### Specifications

2215971000-AS-000.pdf

2215970001-PS-000.pdf

2215973000-TS-000.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)7771-DC (04 Feb 2026) |
| EU RoHS | Compliant per EU 2015/863 |

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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 | PCB Headers and Receptacles |
| Series | 221888 |
| Description | PowerWize 3.40mm, 2-circuit, Solder Tail, Mechanical Keying Option 1, Color Coded Black, Vertical Header, Tray |
| Application | Wire-to-Board |
| Component Type | PCB Header |
| Product Name | PowerWize |
| UPC | 196823670428 |

### Agency

| | |
|---|---|
| CSA | LR19980 |
| UL | E29179 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 75.0A |
| Voltage - Maximum | 600V |

### Physical

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| | |
|---|---|
| Breakaway | No |
| Circuits (Loaded) | 2 |
| Circuits (maximum) | 2 |
| Color - Resin | Black |
| Diameter | 3.40mm |
| Durability (mating cycles max) | 200 |
| First Mate / Last Break | No |
| Flammability | 94V-0 |
| Gender | Male |
| Glow-Wire Capable | No |
| Keying to Mating Part | Yes |
| Lock to Mating Part | Yes |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Silver |
| Material - Plating Termination | Silver |
| Material - Resin | Liquid Crystal Polymer (LCP) |
| Net Weight | 10.571/g |
| Number of Rows | 1 |
| Orientation | Vertical |
| Packaging Type | Tray |
| Pitch - Mating Interface | 11.00mm |
| Pitch - Termination Interface | 11.00mm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Temperature Range - Operating | -40° to +125°C |
| Termination Interface Style | Pin-in-Paste SMT |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| PowerWize 3.40mm, 2-circuit, Mechanical Keying Option 1, Color Coded Black, Receptacle Housing, Bag | 2215973001 |

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