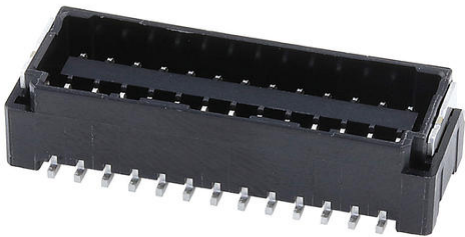




**Part Number :** [2202012471](#)  
**Product Description :** 2.00mm Pitch, Micro-Lock Plus PCB Header, Dual Row, Vertical, Surface Mount, Matte Tin Plating, 24 Circuits, Low-Halogen, Black  
**Series Number :** 220201  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents and Resources

### Drawings

[2202012471\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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

[2202012471.dxf](#)

### Specifications

[2202019200-SPK-200.pdf](#)

[2202000000-PS-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                                                                               |

### [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         | 220201                                                                                                                          |
| Description    | 2.00mm Pitch, Micro-Lock Plus PCB Header, Dual Row, Vertical, Surface Mount, Matte Tin Plating, 24 Circuits, Low-Halogen, Black |
| Application    | Wire-to-Board                                                                                                                   |
| Component Type | PCB Header                                                                                                                      |
| Keyword        | Micro-Lock Plus 2.0                                                                                                             |
| Product Name   | Micro-Lock Plus                                                                                                                 |
| UPC            | 196823499371                                                                                                                    |

### Agency

|    |        |
|----|--------|
| UL | E29179 |
|----|--------|

### Electrical

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 2.8A             |
| Voltage - Maximum             | 250V AC (RMS)/DC |

### Physical

|                                |                       |
|--------------------------------|-----------------------|
| Breakaway                      | No                    |
| Circuits (Loaded)              | 24                    |
| Circuits (maximum)             | 24                    |
| Color - Resin                  | Black                 |
| Durability (mating cycles max) | 30                    |
| First Mate / Last Break        | No                    |
| Flammability                   | 94V-0                 |
| Glow-Wire Capable              | No                    |
| Guide to Mating Part           | No                    |
| Keying to Mating Part          | Yes                   |
| Lock to Mating Part            | Yes                   |
| Material - Metal               | Brass                 |
| Material - Plating Mating      | Matte Tin             |
| Material - Plating Termination | Matte Tin             |
| Material - Resin               | Polyamide (PA)        |
| Net Weight                     | 3127.950/mg           |
| Number of Rows                 | 2                     |
| Orientation                    | Vertical              |
| 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           | 1.000µm               |
| Plating min - Termination      | 1.000µm               |
| Polarized to Mating Part       | Yes                   |
| Polarized to PCB               | Yes                   |
| Robotic Placement              | Vacuum Pick-Up Area   |
| Shrouded                       | Shrouded              |
| Stackable                      | No                    |
| Temperature Range - Operating  | -40° to +105°C        |
| Termination Interface Style    | Surface Mount         |

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## Mates With / Use With

**Mates with Part(s)**

| Description                                                  | Part Number   |
|--------------------------------------------------------------|---------------|
| 2.00mm Pitch Micro-Lock Plus<br>Dual Row Receptacle Housings | <u>220200</u> |

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This document was generated on May 24, 2026