



**Part Number :** [2125282001](#)

**Product Description :** Micro-Fit+ Right-Angle Header, Through Hole, 3.00mm Pitch, Dual Row, 20 Circuits, 0.38µm Gold (Au) Plating, Glow-Wire Capable, Black

**Series Number :** 212528

**Status :** Active

**Product Category :** PCB Headers and Receptacles



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## Documents & Resources

### Drawings

[2125282001 sd.pdf](#)

[2125280000-PK-000.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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

### Specifications

[2064600001-AS-000.pdf](#)

[2064600000-PS-000.pdf](#)

[2064600000-TS-000.pdf](#)

[2064600001-TS-000.pdf](#)

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## Product Environment Compliance

### Compliance

|                    |  |
|--------------------|--|
| GADSL/IMDS         | Not Relevant   |
| China RoHS         | <br>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(2024)7663-DC<br>(21 Jan 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

## Part Details

### General

|                |  |
|----------------|--|
| Status         | Active   |
| Category       | PCB Headers and Receptacles  |
| Series         | 212528   |
| Description    | Micro-Fit+ Right-Angle Header, Through Hole, 3.00mm Pitch, Dual Row, 20 Circuits, 0.38µm Gold (Au) Plating, Glow-Wire Capable, Black |
| Application    | Power, Wire-to-Board   |
| Component Type | PCB Header   |
| Product Name   | Micro-Fit+   |
| UPC            | 193264256549   |

### Agency

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

### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 8.0A |
|-------------------------------|------|

|                   |                  |
|-------------------|------------------|
| Voltage - Maximum | 600V AC (RMS)/DC |
|-------------------|------------------|

## Physical

|                                |                        |
|--------------------------------|------------------------|
| Breakaway                      | No                     |
| Circuits (Loaded)              | 20                     |
| Circuits (maximum)             | 20                     |
| Color - Resin                  | Black                  |
| Durability (mating cycles max) | 200                    |
| First Mate / Last Break        | No                     |
| Flammability                   | 94V-0                  |
| Glow-Wire Capable              | Yes                    |
| Keying to Mating Part          | None                   |
| Lock to Mating Part            | Yes                    |
| Material - Metal               | High Copper Alloy      |
| Material - Plating Mating      | Gold                   |
| Material - Plating Termination | Matte Tin              |
| Material - Resin               | Liquid Crystal Polymer |
| Net Weight                     | 2.920/g                |
| Number of Rows                 | 2                      |
| Orientation                    | Right Angle            |
| Packaging Type                 | Tray                   |
| PCB Thickness - Recommended    | 1.57mm                 |
| PC Tail Length                 | 3.18mm                 |
| Pitch - Mating Interface       | 3.00mm                 |
| Pitch - Termination Interface  | 3.00mm                 |
| Plating min - Mating           | 0.381µm                |
| Plating min - Termination      | 1.520µm                |
| Polarized to Mating Part       | Yes                    |
| Polarized to PCB               | Yes                    |
| Shrouded                       | Yes                    |
| Temperature Range - Operating  | -40° to +125°C         |
| Termination Interface Style    | Through Hole           |

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## Mates With / Use With

**Mates with Part(s)**

| Description                             | Part Number   |
|---|---------------|
| Micro-Fit+ Dual Row Receptacle Housings | <u>206461</u> |

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