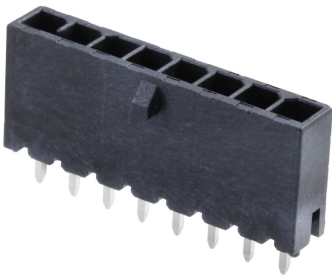




**Part Number :** [2165711008](#)  
**Product Description :** Micro-Fit+ Vertical Header, Through Hole, 3.00mm Pitch, Single Row, 8 Circuits, Matte Tin (Sn) Plating, Glow-Wire Capable, Black  
**Series Number :** 216571  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



Documents & Resources

**Drawings**  
[2165711008\\_sd.pdf](#)  
[2165710002-PK-000.pdf](#)

**3D Models and Design Files**  
[2165711008\\_stp.zip](#)

**Specifications**  
[2064600001-AS-000.pdf](#)  
[2064600000-PS-000.pdf](#)  
[2064600001-TS-000.pdf](#)  
[2157590005-TS-000.pdf](#)

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(2024)4144-DC (27 June 2024) |
| 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       | PCB Headers and Receptacles                                                                                                      |
| Series         | 216571                                                                                                                           |
| Description    | Micro-Fit+ Vertical Header, Through Hole, 3.00mm Pitch, Single Row, 8 Circuits, Matte Tin (Sn) Plating, Glow-Wire Capable, Black |
| Application    | Power, Wire-to-Board                                                                                                             |
| Component Type | PCB Header                                                                                                                       |
| Product Name   | Micro-Fit+                                                                                                                       |
| UPC            | 193264926756                                                                                                                     |

#### Agency

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

#### Electrical

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 13.0A            |
| Voltage - Maximum             | 600V AC (RMS)/DC |

#### Physical

|                                |       |
|--------------------------------|-------|
| Breakaway                      | No    |
| Circuits (Loaded)              | 8     |
| Circuits (maximum)             | 8     |
| Color - Resin                  | Black |
| Durability (mating cycles max) | 25    |
| 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      | Matte Tin              |
| Material - Plating Termination | Matte Tin              |
| Material - Resin               | Liquid Crystal Polymer |
| Net Weight                     | 1.239/g                |
| Number of Rows                 | 1                      |
| Orientation                    | Vertical               |
| Packaging Type                 | Tray                   |
| PC Tail Length                 | 3.18mm                 |
| PCB Retention                  | Yes                    |
| PCB Thickness - Recommended    | 1.57mm                 |
| Pitch - Mating Interface       | 3.00mm                 |
| Pitch - Termination Interface  | 3.00mm                 |
| Polarized to Mating Part       | Yes                    |
| Polarized to PCB               | Yes                    |
| Shrouded                       | Yes                    |
| Temperature Range - Operating  | -40° to +125°C         |
| Termination Interface Style    | Through Hole           |

## Solder Process Data

|                              |          |
|------------------------------|----------|
| Max-Duration                 | 30       |
| Lead-Free Process Capability | SMC&WAVE |
| Max-Cycle                    | 3        |
| Max-Temp                     | 260      |

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## Mates With / Use With

### Mates with Part(s)

| Description                               | Part Number   |
|-------------------------------------------|---------------|
| Micro-Fit+ Single Row Receptacle Housings | <u>215759</u> |

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This document was generated on Oct 29, 2024