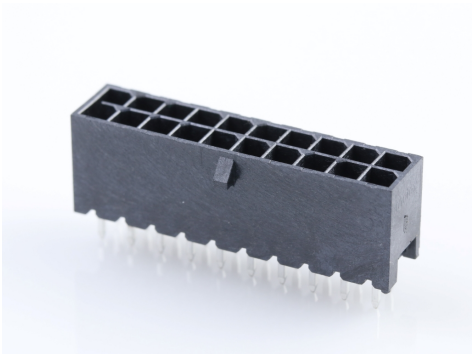




**Part Number :** [2068322001](#)  
**Product Description :** Micro-Fit+ Vertical Header, Through Hole, 3.00mm Pitch, Dual Row, 20 Circuits, Tin (Sn) Plating, Glow-Wire Capable, Black, Tray  
**Series Number :** 206832  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



Documents & Resources

**Drawings**  
[Drawing 2068322001\\_sd.pdf](#)  
[Packaging Design Drawing 2068320000-PK-000.pdf](#)

**3D Models and Design Files**  
[3D Model 2068322001\\_stp.zip](#)

**Specifications**  
[Application Specification 1722990000-AS-000.pdf](#)  
[Application Specification 2064600001-AS-000.pdf](#)  
[Product Specification 2064600000-PS-000.pdf](#)  
[Test Summary 2064600000-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(2023)3788-DC (14 Jun 2023) |
| 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         | 206832                                                                                                                          |
| Description    | Micro-Fit+ Vertical Header, Through Hole, 3.00mm Pitch, Dual Row, 20 Circuits, Tin (Sn) Plating, Glow-Wire Capable, Black, Tray |
| Application    | Power, Wire-to-Board                                                                                                            |
| Component Type | PCB Header                                                                                                                      |
| Product Family | Micro-Fit+ Connector System                                                                                                     |
| Product Name   | Micro-Fit+                                                                                                                      |
| UPC            | 191130125296                                                                                                                    |

#### Agency

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

#### Electrical

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 12.5A            |
| Voltage - Maximum             | 600V AC (RMS)/DC |

#### Physical

|                                |       |
|--------------------------------|-------|
| Breakaway                      | No    |
| Circuits (Loaded)              | 20    |
| Circuits (maximum)             | 20    |
| Color - Resin                  | Black |
| Durability (mating cycles max) | 25    |

|                                |                        |
|--------------------------------|------------------------|
| First Mate / Last Break        | No                     |
| Flammability                   | 94V-0                  |
| Glow-Wire Capable              | Yes                    |
| Keying to Mating Part          | Yes                    |
| Lock to Mating Part            | Yes                    |
| Material - Metal               | High Copper Alloy      |
| Material - Plating Mating      | Tin                    |
| Material - Plating Termination | Tin                    |
| Material - Resin               | Liquid Crystal Polymer |
| Net Weight                     | 2.450/g                |
| Number of Rows                 | 2                      |
| Orientation                    | Vertical               |
| Packaging Type                 | Tray                   |
| PC Tail Length                 | 3.18mm                 |
| 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 +105°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> |