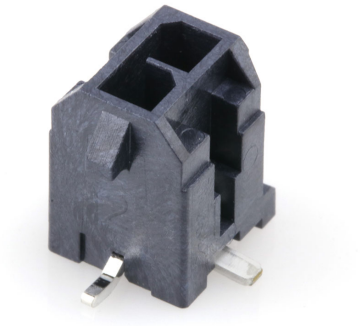
Part Number : 2182160220

Product Description : Micro-Fit+ Vertical Header, Surface Mount, 3.00mm Pitch, Dual Row, 2 Circuits, Tin (Sn) Plating, Glow-Wire Capable, Solder Nail, Black, Tape and Reel

Series Number : 218216

Status : Active

Product Category : PCB Headers and Receptacles



## Documents & Resources

### Drawings

Drawing_2182160220_sd.pdf

Packaging Design Drawing_2182160001-PK-000.pdf

### 3D Models and Design Files

3D Model_2182160220_stp.zip

### Specifications

Application Specification_2064600001-AS-000.pdf

Product Specification_2064600000-PS-000.pdf

Test Summary_2064600000-TS-000.pdf

Test Summary_2064600001-TS-000.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Compliant with Exemption 44; 33 |
| 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

## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | PCB Headers and Receptacles |
| Series | 218216 |
| Description | Micro-Fit+ Vertical Header, Surface Mount, 3.00mm Pitch, Dual Row, 2 Circuits, Tin (Sn) Plating, Glow-Wire Capable, Solder Nail, Black, Tape and Reel |
| Application | Power, Wire-to-Board |
| Component Type | PCB Header |
| Product Family | Micro-Fit+ Connector System |
| Product Name | Micro-Fit+ |
| UPC | 195842882812 |

### Electrical

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

### Physical

| | |
|---|---|
| Breakaway | No |
| Circuits (Loaded) | 2 |
| Circuits (maximum) | 2 |
| Color - Resin | Black |
| Durability (mating cycles max) | 25 |
| First Mate / Last Break | No |
| 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 | 0.730/g |
| Number of Rows | 2 |
| Orientation | Vertical |
| Packaging Type | Embossed Tape on Reel |
| PCB Retention | Yes |
| 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 | Surface Mount |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| Micro-Fit+ Dual Row Receptacle Housings | 206461 |

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0190690033 190990010 430450225 447641402 0436400901