



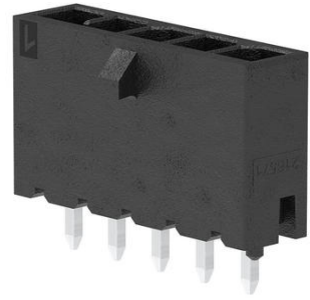
Part Number : [2165711005](#)

Product Description : Micro-Fit+ Vertical Header, Through Hole, 3.00mm Pitch, Single Row, 5 Circuits, Matte Tin (Sn) Plating, Glow-Wire Capable, Black

Series Number : 216571

Status : Active

Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

[2165711005_sd.pdf](#)

[2165710002-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](#)

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

[2157590005-TS-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)6375-DC (05 Nov 2025) SCIP:a58ab0b4-d5f3-47ff-b9a7-26e8d01d8262 |

| | |
|---------|---------------------------|
| 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 | 216571 |
| Description | Micro-Fit+ Vertical Header, Through Hole, 3.00mm Pitch, Single Row, 5 Circuits, Matte Tin (Sn) Plating, Glow-Wire Capable, Black |
| Application | Power, Wire-to-Board |
| Component Type | PCB Header |
| Product Name | Micro-Fit+ |
| UPC | 193264921690 |

Agency

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

Electrical

| | |
|-------------------------------|-------|
| Current - Maximum per Contact | 13.0A |
|-------------------------------|-------|

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

Physical

| | |
|--------------------------------|------------------------|
| Breakaway | No |
| Circuits (Loaded) | 5 |
| Circuits (maximum) | 5 |
| 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 | 0.795/g |
| Number of Rows | 1 |
| Orientation | Vertical |
| Packaging Type | Tray |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.57mm |
| PC Tail Length | 3.18mm |
| 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 |

Mates With / Use With

Mates with Part(s)

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

This document was generated on Dec 16, 2025