



Part Number : [2068321601](#)
Product Description : Micro-Fit+ Vertical Header,
Through Hole, 3.00mm Pitch, Dual Row, 16 Circuits, Tin
(Sn) Plating, Glow-Wire Capable, Black, Tray
Series Number : 206832
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

- [2068321601_sd.pdf](#)
- [2068320000-PK-000.pdf](#)

3D Models and Design Files


- [STEP AP242](#)
- [SOLIDWORKS](#)
- [Creo](#)
- [Symbol and Footprint \(Multi-Format\)](#)

Specifications

- [1722990000-AS-000.pdf](#)
- [2064600001-AS-000.pdf](#)
- [2064600000-PS-000.pdf](#)
- [2064600000-TS-000.pdf](#)
- [2064600001-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(2024)7663-DC |

| | |
|---------|---------------------------|
| | (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 | 206832 |
| Description | Micro-Fit+ Vertical Header, Through Hole, 3.00mm Pitch, Dual Row, 16 Circuits, Tin (Sn) Plating, Glow-Wire Capable, Black, Tray |
| Application | Power, Wire-to-Board |
| Component Type | PCB Header |
| Product Name | Micro-Fit+ |
| UPC | 191130125272 |

Agency

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

Electrical

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

Physical

| | |
|--------------------------------|------------------------|
| Breakaway | No |
| Circuits (Loaded) | 16 |
| Circuits (maximum) | 16 |
| 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 | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Liquid Crystal Polymer |
| Net Weight | 1.968/g |
| Number of Rows | 2 |
| Orientation | Vertical |
| Packaging Type | Tray |
| 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 |

Mates With / Use With

Mates with Part(s)

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