



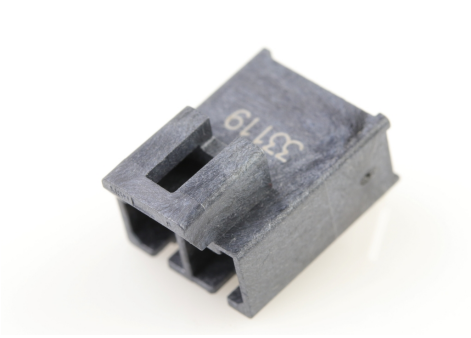
**Part Number :** [2002411222](#)

**Product Description :** Mega-Fit Right-Angle Header, Single Row, 5.70mm Pitch, 2 Circuits, 0.38µm Gold (Au) Plating, UL 94V-0, Glow-Wire Capable, Black

**Series Number :** 200241

**Status :** Active

**Product Category :** PCB Headers and Receptacles



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## Documents & Resources

### Drawings

[2002411222\\_sd.pdf](#)

[2002412000-001.pdf](#)

### 3D Models and Design Files

[2002411222\\_stp.zip](#)

### Specifications

[768232000-AS-000.pdf](#)


[1720631000-PS-000.pdf](#)

[1720631000-TS-000.pdf](#)

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## Product Environment Compliance

### Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Compliant with Exemption 44; 34; 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

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### Part Details

#### General

|                |   |
|----------------|---|
| Status         | Active  |
| Category       | PCB Headers and Receptacles   |
| Series         | 200241  |
| Description    | Mega-Fit Right-Angle Header, Single Row, 5.70mm Pitch, 2 Circuits, 0.38µm Gold (Au) Plating, UL 94V-0, Glow-Wire Capable, Black |
| Application    | Power, Wire-to-Board  |
| Component Type | PCB Header  |
| Product Name   | Mega-Fit  |
| UPC            | 191130087587  |

#### Agency

|     |        |
|-----|--------|
| CSA | 152514 |
| UL  | E29179 |

#### Electrical

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 26.0A            |
| Voltage - Maximum             | 600V AC (RMS)/DC |

#### Physical

|                                |       |
|--------------------------------|-------|
| Breakaway                      | No    |
| Circuits (Loaded)              | 2     |
| Circuits (maximum)             | 2     |
| Color - Resin                  | Black |
| Durability (mating cycles max) | 200   |
| First Mate / Last Break        | No    |

|                                |                          |
|--------------------------------|--------------------------|
| Glow-Wire Capable              | Yes                      |
| Guide to Mating Part           | No                       |
| Keying to Mating Part          | None                     |
| Lock to Mating Part            | Yes                      |
| Material - Metal               | High Conductivity Copper |
| Material - Plating Mating      | Gold                     |
| Material - Plating Termination | Matte Tin                |
| Material - Resin               | Liquid Crystal Polymer   |
| Net Weight                     | 1.600/g                  |
| Number of Rows                 | 1                        |
| Orientation                    | Right Angle              |
| Packaging Type                 | Tray                     |
| PC Tail Length                 | 3.60mm                   |
| PCB Locator                    | No                       |
| PCB Retention                  | Yes                      |
| PCB Thickness - Recommended    | 1.58mm, 2.36mm           |
| Pitch - Mating Interface       | 5.70mm                   |
| Pitch - Termination Interface  | 5.70mm                   |
| Plating min - Mating           | 0.380µm                  |
| Plating min - Termination      | 2.540µm                  |
| Polarized to Mating Part       | Yes                      |
| Polarized to PCB               | Yes                      |
| Temperature Range - Operating  | -40° to +120°C           |
| Termination Interface Style    | Through Hole             |

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## Mates With / Use With

### Mates with Part(s)

| Description  | Part Number   |
|--|---------------|
| Mega-Fit Tangless TPA-Capable Single Row Receptacle Housings | <u>200456</u> |