



**Part Number :** [2002411216](#)  
**Product Description :** Mega-Fit Right-Angle Header,  
5.70mm Pitch, Single Row, 6 Circuits, Matte Tin (Sn)  
Plating, Glow-Wire Capable, Tray, Black  
**Series Number :** 200241  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents and Resources

### Drawings

- [2002411216\\_sd.pdf](#)
- [2002412000-001.pdf](#)

### 3D Models and Design Files

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

### Specifications

- [768232000-AS-000.pdf](#)
- [1720631000-PS-000.pdf](#)
- [1720631000-TS-000.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44; 33                                                                         |
| 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)7771-DC (04 Feb 2026)                                                          |
| 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

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## Part Details

### General

|                |                                                                                                                           |
|----------------|---------------------------------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                                                    |
| Category       | PCB Headers and Receptacles                                                                                               |
| Series         | 200241                                                                                                                    |
| Description    | Mega-Fit Right-Angle Header, 5.70mm Pitch, Single Row, 6 Circuits, Matte Tin (Sn) Plating, Glow-Wire Capable, Tray, Black |
| Application    | Wire-to-Board                                                                                                             |
| Component Type | PCB Header                                                                                                                |
| Product Name   | Mega-Fit                                                                                                                  |
| UPC            | 191130086696                                                                                                              |

### Agency

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

### Electrical

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

### Physical

|                                |                              |
|--------------------------------|------------------------------|
| Breakaway                      | No                           |
| Circuits (Loaded)              | 6                            |
| Circuits (maximum)             | 6                            |
| Color - Resin                  | Black                        |
| Durability (mating cycles max) | 25                           |
| First Mate / Last Break        | No                           |
| Gender                         | Male                         |
| Glow-Wire Capable              | Yes                          |
| Guide to Mating Part           | No                           |
| Keying to Mating Part          | Yes                          |
| Lock to Mating Part            | Yes                          |
| Material - Metal               | Copper Alloy                 |
| Material - Plating Mating      | Matte Tin                    |
| Material - Plating Termination | Tin                          |
| Material - Resin               | Liquid Crystal Polymer (LCP) |
| Mounting Style                 | Through Hole                 |
| Net Weight                     | 4.200/g                      |
| Number of Rows                 | 1                            |
| Orientation                    | Right Angle                  |
| Packaging Type                 | Tray                         |
| PCB Locator                    | No                           |
| PCB Retention                  | Yes                          |
| PCB Thickness - Recommended    | 1.58mm, 2.36mm               |
| PC Tail Length                 | 3.60mm                       |
| Pitch - Mating Interface       | 5.70mm                       |
| Pitch - Termination Interface  | 5.70mm                       |
| Plating min - Mating           | 1.524µm                      |
| Plating min - Termination      | 1.520µm                      |
| Polarized to Mating Part       | Yes                          |
| Polarized to PCB               | 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   |
|-----------------------------------------------------------------|---------------|
| Mega-Fit Tangless TPA-Capable<br>Single Row Receptacle Housings | <u>200456</u> |

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