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Part Number:

2002414214

Status:

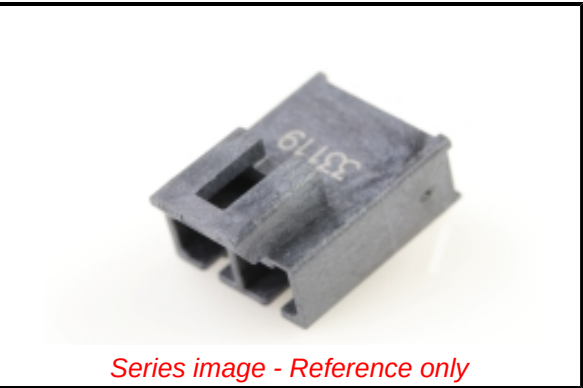
Active

Overview:

Mega-Fit Power Connectors

Description:

Mega-Fit Right-Angle Header, Single Row, 5.70mm Pitch, 4 Circuits, 1.52µm Matte Tin Plating, UL 94V-0, Glow-Wire Capable, Black



|                                                                  |                                                              |
|------------------------------------------------------------------|--------------------------------------------------------------|
| Documents:                                                       |                                                              |
| <a href="#">3D Model</a>                                         | <a href="#">Packaging Specification 2002412000-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                    | <a href="#">Test Summary 1720631000-TS-000 (PDF)</a>         |
| <a href="#">3D Model (PDF)</a>                                   | <a href="#">Datasheet (PDF)</a>                              |
| <a href="#">Product Specification 1720631000-PS-000 (PDF)</a>    | <a href="#">RoHS Certificate of Compliance (PDF)</a>         |
| <a href="#">Application Specification 768232000-AS-000 (PDF)</a> |                                                              |

|                                |                             |
|--------------------------------|-----------------------------|
| Agency Certification           |                             |
| CSA                            | 152514                      |
| General                        |                             |
| Product Family                 | PCB Headers                 |
| Series                         | 200241                      |
| Application                    | Power, Wire-to-Board        |
| Component Type                 | PCB Header                  |
| Overview                       | Mega-Fit Power Connectors   |
| Product Name                   | Mega-Fit                    |
| Taxonomy                       | PCB Headers and Receptacles |
| UPC                            | 193264120994                |
| Physical                       |                             |
| Breakaway                      | No                          |
| Circuits (Loaded)              | 4                           |
| Circuits (maximum)             | 4                           |
| Color - Resin                  | Black                       |
| Durability (mating cycles max) | 25                          |
| 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      | Matte Tin                   |
| Material - Plating Termination | Matte Tin                   |
| Material - Resin               | Liquid Crystal Polymer      |
| Net Weight                     | 2.900/g                     |
| Number of Rows                 | 1                           |
| Orientation                    | Right Angle                 |
| PC Tail Length                 | 3.60mm                      |
| PCB Locator                    | No                          |
| PCB Retention                  | Yes                         |
| PCB Thickness - Recommended    | 1.58mm, 2.36mm              |
| Packaging Type                 | Tray                        |
| Pitch - Mating Interface       | 5.70mm                      |
| Pitch - Termination Interface  | 5.70mm                      |
| Plating min - Mating           | 0.760µm                     |
| Plating min - Termination      | 2.540µm                     |
| Polarized to Mating Part       | Yes                         |
| Polarized to PCB               | Yes                         |
| Temperature Range - Operating  | -40° to +105°C              |
| Termination Interface: Style   | Through Hole                |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - D(2022)4187-DC (10 June 2022)             |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Low-Halogen                                                   |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

200241 Series

Mates With

Mega-Fit Receptacle Housing 200456

**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

|                           |                   |
|---------------------------|-------------------|
| Application Specification | 768232000-AS-000  |
| Packaging Specification   | 2002412000-001    |
| Product Specification     | 1720631000-PS-000 |
| Sales Drawing             | 2002412000-000    |
| Test Summary              | 1720631000-TS-000 |

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