

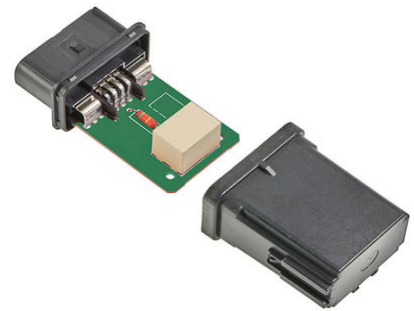
**Part Number :** [2003161101](#)

**Product Description :** Micro Power Distribution Box,  
1 Relay, Supporting Electronics

**Series Number :** 200316

**Status :** Obsolete

**Product Category :** PCB Headers and Receptacles



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## Documents and Resources

### Drawings

[2003161101\\_sd.pdf](#)

[2003161101\\_stp.zip](#)

### Specifications

[2003161000AS-000.pdf](#)

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## Product Environment Compliance

### Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Not Reviewed                                    |
| China RoHS         | Not Relevant                                    |
| EU ELV             | Compliant per 2000/53/EC                        |
| Low-Halogen Status | Not Relevant                                    |
| REACH SVHC         | Not Contained per D(2022)4187-DC (10 June 2022) |
| 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         | Obsolete  |
| Category       | PCB Headers and Receptacles                                   |
| Series         | 200316  |
| Description    | Micro Power Distribution Box, 1 Relay, Supporting Electronics |
| Application    | Automotive, Module-to-Wire, Power                             |
| Component Type | PCB Header  |
| Product Name   | Micro Power Distribution Box                                  |
| UPC            | 191128827713  |

#### Electrical

|                               |       |
|-------------------------------|-------|
| Current - Maximum per Contact | 48.0A |
| Voltage - Switching           | 12V   |

#### Physical

|                           |              |
|---------------------------|--------------|
| Breakaway                 | No           |
| Circuits (Loaded)         | 8            |
| Circuits (maximum)        | 8            |
| Color - Resin             | Black        |
| First Mate / Last Break   | No           |
| Glow-Wire Capable         | No           |
| Keying to Mating Part     | Yes          |
| Lock to Mating Part       | Yes          |
| Material - Metal          | Copper Alloy |
| Material - Plating Mating | Silver, Tin  |
| Material - Resin          | PBT          |
| Net Weight                | 64.850/g     |

|                               |                |
|-------------------------------|----------------|
| Number of Rows                | 2              |
| Orientation                   | Vertical       |
| Packaging Type                | Bag            |
| Pitch - Mating Interface      | 3.50mm         |
| Polarized to Mating Part      | Yes            |
| Temperature Range - Operating | -40° to +110°C |
| Termination Interface Style   | N/A            |

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## Mates With / Use With

### Mates with Part(s)

| Description   | Part Number       |
|---|-------------------|
| MX150 Hybrid Sealed Female Connector Assembly, Dual Row, 8 Circuits, Keying Option B, with Connector Position Assurance, Terminals 3, 4, 5, and 6 Plugged, Light Gray | <u>1600783024</u> |

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