



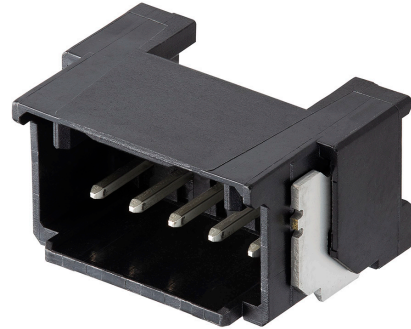
**Part Number :** [2170640081](#)

**Product Description :** Micro-One Wire-to-Board Header, Right-Angle, 2.00mm Pitch, Single Row, Glow-Wire Capable, Surface Mount, 8 Circuits, Tin-Bismuth Plating, Black

**Series Number :** 217064

**Status :** Active

**Product Category :** PCB Headers and Receptacles



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## Documents & Resources

### Drawings

[2170640081\\_sd.pdf](#)

### 3D Models and Design Files

[2170640081.dxf](#)

[2170640081.pdf](#)

[2170640081\\_stp.zip](#)

### Specifications

[2059790000-AS-000.pdf](#)


[2170649200-SPK-200.pdf](#)

[2059790000-PS-000.pdf](#)

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## Product Environment Compliance

### Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Compliant with Exemption 44; 33   |
| China RoHS         |  |
| EU ELV             | Not Relevant  |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21  |
| REACH SVHC         | Not Contained per D(2024)6225-DC (07 Nov 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         | 217064  |
| Description    | Micro-One Wire-to-Board Header, Right-Angle, 2.00mm Pitch, Single Row, Glow-Wire Capable, Surface Mount, 8 Circuits, Tin-Bismuth Plating, Black |
| Application    | Signal, Wire-to-Board   |
| Component Type | PCB Header  |
| Product Name   | Micro-One   |
| UPC            | 195842005662  |

### Agency

|    |        |
|----|--------|
| UL | E29179 |
|----|--------|

### Electrical

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 4.0A             |
| Voltage - Maximum             | 250V AC (RMS)/DC |

### Physical

|                                |       |
|--------------------------------|-------|
| Breakaway                      | No    |
| Circuits (Loaded)              | 8     |
| Circuits (maximum)             | 8     |
| Color - Resin                  | Black |
| Durability (mating cycles max) | 30    |

|                               |                       |
|-------------------------------|-----------------------|
| First Mate / Last Break       | No                    |
| Glow-Wire Capable             | Yes                   |
| Lock to Mating Part           | Yes                   |
| Material - Metal              | Brass                 |
| Material - Plating Mating     | Tin-Bismuth           |
| Material - Resin              | Polyamide             |
| Net Weight                    | 1319.982/mg           |
| Number of Rows                | 1                     |
| Orientation                   | Right Angle           |
| Packaging Type                | Embossed Tape on Reel |
| PCB Retention                 | Yes                   |
| Pitch - Mating Interface      | 2.00mm                |
| Polarized to PCB              | Yes                   |
| Shrouded                      | Fully                 |
| Temperature Range - Operating | -40° to +105°C        |
| Termination Interface Style   | Surface Mount         |

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## Mates With / Use With

### Mates with Part(s)

| Description                                 | Part Number   |
|---|---------------|
| Micro-One Wire-to-Board Receptacle Housings | <u>205979</u> |
| Micro-One Single Row Receptacle Housings    | <u>212724</u> |