

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [2059710053](#)  
**Status:** **Active**  
**Overview:** Micro-One Wire-to-Board Connector System  
**Description:** Micro-One Wire-to-Board Header, Vertical, 2.00mm Pitch, Single Row, 5 Circuits, Tin-Bismuth Plating, Black, with Cover Tape

**Documents:**

|   |  |
|---|--|
| <a href="#">3D Model</a>                                      | <a href="#">Packaging Specification 2059719200-SPK-200 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                                | <a href="#">Datasheet (PDF)</a>                                  |
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |
| <a href="#">Product Specification 2059790000-PS-000 (PDF)</a> |  |

**General**

|                |   |
|----------------|---|
| Product Family | PCB Headers                                     |
| Series         | <a href="#">205971</a>                          |
| Application    | Power, Wire-to-Board                            |
| Overview       | <u>Micro-One Wire-to-Board Connector System</u> |
| Product Name   | Micro-One                                       |
| UPC            | 191130092956                                    |

**Physical**

|                                |                       |
|--------------------------------|-----------------------|
| Breakaway                      | No                    |
| Circuits (Loaded)              | 5                     |
| Circuits (maximum)             | 5                     |
| Color - Resin                  | Black                 |
| Durability (mating cycles max) | 30                    |
| Glow-Wire Capable              | No                    |
| Lock to Mating Part            | Yes                   |
| Material - Metal               | Brass                 |
| Material - Plating Mating      | Tin-Bismuth           |
| Material - Resin               | Polyamide             |
| Net Weight                     | 908.346/mg            |
| Number of Rows                 | 1                     |
| Orientation                    | Vertical              |
| PCB Retention                  | Yes                   |
| Packaging Type                 | Embossed Tape on Reel |
| Pitch - Mating Interface       | 2.00mm                |
| Polarized to PCB               | Yes                   |
| Shrouded                       | Fully                 |
| Temperature Range - Operating  | -40° to +105°C        |
| Termination Interface: Style   | Surface Mount         |

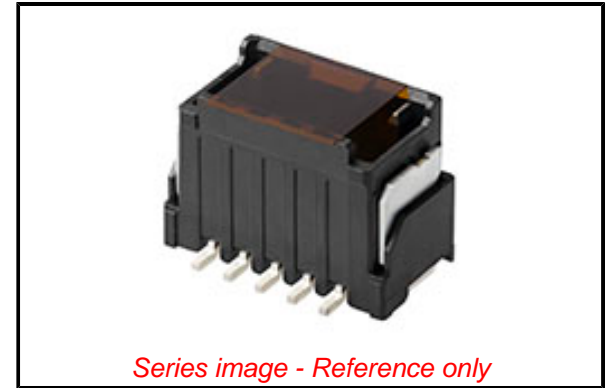
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

|                         |                    |
|-------------------------|--------------------|
| Packaging Specification | 2059719200-SPK-200 |
| Product Specification   | 2059790000-PS-000  |
| Sales Drawing           | 2059710000-SD-000  |



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[205971 Series](#)

**Mates With**

Micro-One Receptacle Housing [205979](#)