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**Part Number:** [2170630065](#)  
**Status:** **Active**  
**Overview:** Micro-One Wire-to-Board Connector System  
**Description:** Micro-One Wire-to-Board Header, Vertical, 2.00mm Pitch, Single Row, Glow-Wire Capable, 6 Circuits, Tin-Bismuth Plating, Black, with Potting Capability

**Documents:**

|                                      |   |
|--------------------------------------|---|
| <a href="#">3D Model</a>             | <a href="#">Product Specification 2059790000-PS-000 (PDF)</a>     |
| <a href="#">2D Drawing DXF (PDF)</a> | <a href="#">Application Specification 2059790000-AS-000 (PDF)</a> |
| <a href="#">2D Drawing (DXF)</a>     | <a href="#">Packaging Specification 2170639200-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>              |

**Agency Certification**

UL E29179

**General**

|                |  |
|----------------|--|
| Product Family | PCB Headers  |
| Series         | <a href="#">217063</a>                                   |
| Application    | Signal, Wire-to-Board                                    |
| Component Type | PCB Header   |
| Overview       | <a href="#">Micro-One Wire-to-Board Connector System</a> |
| Product Name   | Micro-One  |
| Taxonomy       | PCB Headers and Receptacles                              |
| UPC            | 195842005143   |

**Physical**

|                                |                       |
|--------------------------------|-----------------------|
| Breakaway                      | No                    |
| Circuits (Loaded)              | 6                     |
| Circuits (maximum)             | 6                     |
| Color - Resin                  | Black                 |
| Durability (mating cycles max) | 30                    |
| First Mate / Last Break        | No                    |
| Flammability                   | 94V-0                 |
| Glow-Wire Capable              | Yes                   |
| Lock to Mating Part            | Yes                   |
| Material - Metal               | Brass                 |
| Material - Plating Mating      | Tin-Bismuth           |
| Material - Resin               | Polyamide             |
| Net Weight                     | 1094.241/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         |

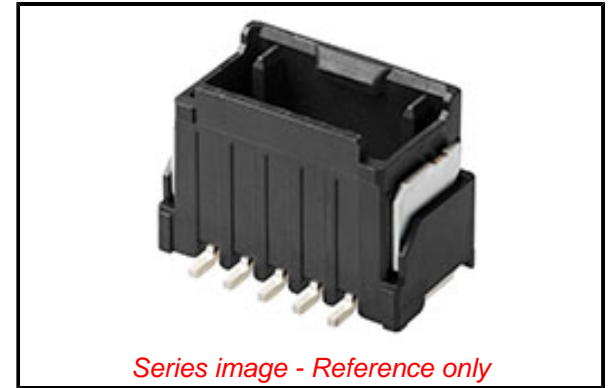
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

|                           |                   |
|---------------------------|-------------------|
| Application Specification | 2059790000-AS-000 |
|---------------------------|-------------------|



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**Halogen-Free**

**Status**

**Not 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**

[217063](#) Series

**Mates With**

Micro-One Receptacle Housing [205979](#) ,  
[212724](#)

Packaging Specification  
Product Specification  
Sales Drawing

2170639200-SPK-200  
2059790000-PS-000  
2170630000-SD-000

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