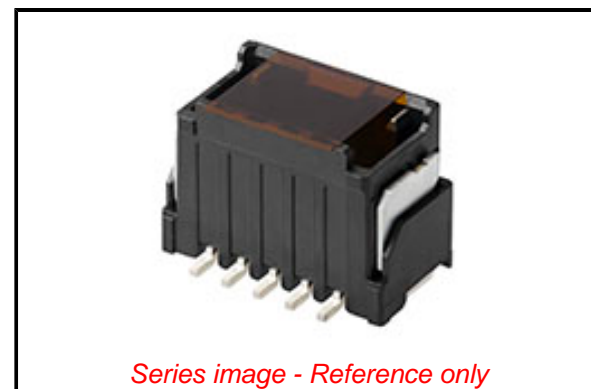


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [2059710083](#)
Status: **Active**
Overview: Micro-One Wire-to-Board Connector System
Description: Mirco-One Wire-to-Board Header, Vertical, 2.00mm Pitch, Single Row, 8 Circuits, Tin-Bismuth Plating, Black, with Cover Tape

Documents:

| | |
|---|---|
| 3D Model | Application Specification 2059790000-AS-000 (PDF) |
| 3D Model (PDF) | Packaging Specification 2059719200-SPK-200 (PDF) |
| Drawing (PDF) | Datasheet (PDF) |
| Product Specification 2059790000-PS-000 (PDF) | RoHS Certificate of Compliance (PDF) |



General

| | |
|----------------|---|
| Product Family | PCB Headers |
| Series | 205971 |
| Application | Power, Wire-to-Board |
| Overview | <u>Micro-One Wire-to-Board Connector System</u> |
| Product Name | Micro-One |
| UPC | 191130093199 |

Physical

| | |
|--------------------------------|-----------------------|
| Breakaway | No |
| Circuits (Loaded) | 8 |
| Circuits (maximum) | 8 |
| 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 | 1209.842/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 |
| 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](#)