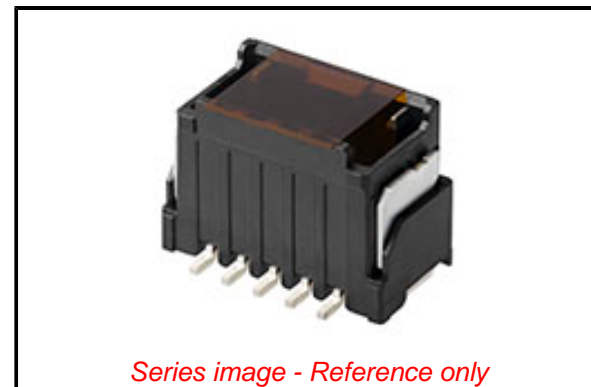


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [2059710043](#)  
**Status:** **Active**  
**Overview:** Micro-One Wire-to-Board Connector System  
**Description:** Mirco-One Wire-to-Board Header, Vertical, 2.00mm Pitch, Single Row, 4 Circuits, Tin-Bismuth Plating, Black, with Cover Tape

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification 2059790000-AS-000 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification 2059719200-SPK-200 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification 2059790000-PS-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (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	191130092772

**Physical**

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin-Bismuth
Material - Resin	Polyamide
Net Weight	810.267/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(2021)4569-DC (8  
July 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](#) ,  
[212724](#)

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