



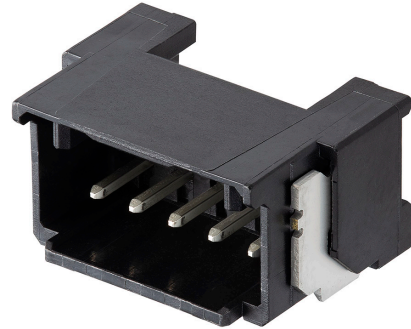
**Part Number :** [2059720051](#)

**Product Description :** Micro-One Wire-to-Board Header, Right-Angle, 2.00mm Pitch, Single Row, Surface Mount, 5 Circuits, Tin-Bismuth Plating, Black

**Series Number :** 205972

**Status :** Active

**Product Category :** PCB Headers and Receptacles



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## Documents & Resources

### Drawings

[Drawing 2059720051\\_sd.pdf](#)

### 3D Models and Design Files

[2D Drawing DXF 2059720051.dxf](#)

[2D Drawing DXF \(PDF\) 2059720051.pdf](#)

[3D Model 2059720051\\_stp.zip](#)

### Specifications

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


[Packaging Specification 2059729200-SPK-200.pdf](#)

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

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
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	205972
Description	Micro-One Wire-to-Board Header, Right-Angle, 2.00mm Pitch, Single Row, Surface Mount, 5 Circuits, Tin-Bismuth Plating, Black
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	Micro-One Wire-to-Board Connector System
Product Name	Micro-One
UPC	191130093403

#### Agency

UL	E29179
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#### Electrical

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

#### Physical

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black
Durability (mating cycles max)	30

First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin-Bismuth
Material - Resin	Polyamide
Net Weight	912.681/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>