



**Part Number :** [2200291025](#)

**Product Description :** Micro-One Wire-to-Board Header, Vertical, 2.00mm Pitch, Single Row, Glow-Wire Capable, Through Hole, 2 Circuits, Tin-Bismuth Plating, Black, with Potting Capability

**Series Number :** 220029

**Status :** Active

**Product Category :** PCB Headers and Receptacles



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## Documents and Resources

### Drawings

[2200291025 sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

[2200291025.dxf](#)

### Specifications

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


[2200299200-SPK-200.pdf](#)

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

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

## Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

## Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## Substances of Interest

- PFAS

## EU RoHS Certificate of Compliance

## Additional Product Compliance Information

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## Part Details

### General

Status	Active
Category	PCB Headers and Receptacles
Series	220029
Description	Micro-One Wire-to-Board Header, Vertical, 2.00mm Pitch, Single Row, Glow-Wire Capable, Through Hole, 2 Circuits, Tin-Bismuth Plating, Black, with Potting Capability
Application	Wire-to-Board
Component Type	PCB Header
Product Name	Micro-One
UPC	196823228780

### 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)	2
Circuits (maximum)	2
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Gender	Male
Glow-Wire Capable	Yes
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin-Bismuth
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer (LCP)
Mounting Style	Through Hole
Net Weight	689.200/mg
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PCB Retention	Yes
PC Tail Length	2.90mm
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	1.000µm
Plating min - Termination	1.000µm
Polarized to PCB	Yes
Shrouded	Shrouded
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
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Micro-One Wire-to-Board Receptacle Housings	<u>205979</u>
Micro-One Single Row Receptacle Housings	<u>212724</u>

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