



Part Number : [2240470081](#)

Product Description : Micro-One Wire-to-Board Header, Right-Angle, 2.00mm Pitch, Single Row, Glow-Wire Capable, Surface Mount, 8 Circuits, Gold Plating, Black

Series Number : 224047

Status : Active

Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

[2240470081 sd.pdf](#)

[2240479200-SPK-200.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)


Specifications

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

[2059790000-PS-002.pdf](#)

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

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	224047
Description	Micro-One Wire-to-Board Header, Right-Angle, 2.00mm Pitch, Single Row, Glow-Wire Capable, Surface Mount, 8 Circuits, Gold Plating, Black
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	Micro-One
UPC	196823621864

Agency

UL	E29179
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Electrical

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

Physical

Breakaway	No
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Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	Yes
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	1336.240/mg
Number of Rows	1
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
PCB Retention	Yes
Pitch - Mating Interface	2.00mm
Plating min - Mating	0.100µm
Plating min - Termination	1.000µm
Polarized to PCB	Yes
Shrouded	Fully
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount

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>