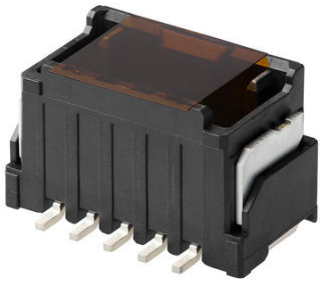
Part Number : 2059710083
Product Description : Micro-One Wire-to-Board Header, Vertical, 2.00mm Pitch, Single Row, Surface Mount, 8 Circuits, Tin-Bismuth Plating, Black, with Cover Tape
Series Number : 205971
Status : Not Recommended For New Design
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

2059710083_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

2059710083.dxf

Specifications

2059790000-AS-000.pdf

2059719200-SPK-200.pdf

2059790000-PS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
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

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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	Not Recommended For New Design
Category	PCB Headers and Receptacles
Series	205971
Description	Micro-One Wire-to-Board Header, Vertical, 2.00mm Pitch, Single Row, Surface Mount, 8 Circuits, Tin-Bismuth Plating, Black, with Cover Tape
Application	Wire-to-Board
Component Type	PCB Header
Product Name	Micro-One
UPC	191130093199

Agency

CSA	LR19980
UL	E29179

Electrical

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

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Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
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 - Plating Termination	Tin-Bismuth
Material - Resin	Polyamide (PA)
Net Weight	1209.842/mg
Number of Rows	1
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Retention	Yes
Pitch - Mating Interface	2.00mm
Plating min - Termination	1.000µm
Polarized to PCB	Yes
Shrouded	Shrouded
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	205979
Micro-One Single Row Receptacle Housings	212724

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