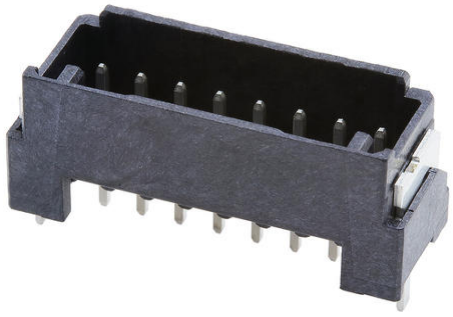
molex



Part Number : 2200291085
Product Description : Micro-One Wire-to-Board Header, Vertical, 2.00mm Pitch, Single Row, Glow-Wire Capable, Through Hole, 8 Circuits, Tin-Bismuth Plating, Black, with Potting Capability
Series Number : 220029
Status : Active
Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings

2200291085_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

2200291085.dxf

Specifications

2059790000-AS-000.pdf

2200299200-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(2024)6225-DC (07 Nov 2024)
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	220029
Description	Micro-One Wire-to-Board Header, Vertical, 2.00mm Pitch, Single Row, Glow-Wire Capable, Through Hole, 8 Circuits, Tin-Bismuth Plating, Black, with Potting Capability
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	Micro-One
UPC	196823229541

Agency

UL	E29179

Electrical

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

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	Yes
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin-Bismuth
Material - Plating Termination	Tin-Bismuth
Material - Resin	Liquid Crystal Polymer
Net Weight	1384.220/mg
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PCB Retention	Yes
PC Tail Length	2.90mm
Pitch - Mating Interface	2.00mm
Plating min - Termination	1.000µm
Polarized to PCB	Yes
Shrouded	Fully
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

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