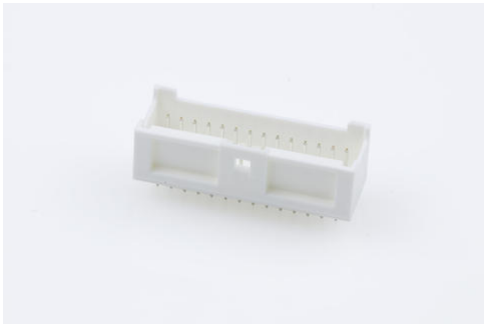
molex



Part Number : 559172810
Product Description : MicroClasp Vertical Header, 2.00mm Pitch, Dual Row, Through Hole, Tin (Sn) Plating, 28 Circuits, with PCB Locator
Series Number : 55917
Status : Active
Product Category : PCB Headers and Receptacles

Documents and Resources

Drawings

559172810_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

561340000-AS-000.pdf

559179200-SPK-200.pdf

PS-51353-003-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 33; 44
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not 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	Active
Category	PCB Headers and Receptacles
Series	55917
Description	MicroClasp Vertical Header, 2.00mm Pitch, Dual Row, Through Hole, Tin (Sn) Plating, 28 Circuits, with PCB Locator
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	MicroClasp
UPC	756054244302

Agency

UL	E29179

Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	250V AC (RMS)/DC

Physical

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Breakaway	No
Circuits (Loaded)	28
Circuits (maximum)	28
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	1999.300/mg
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
PC Tail Length	3.20mm
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	1.000µm
Plating min - Termination	1.000µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Shrouded
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Mates With / Use With

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Mates with Part(s)

Description	Part Number
MicroClasp Dual Row Receptacle Housings	51353

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