molex



Part Number : 559350430
Product Description : 2.00mm Pitch MicroClasp Wire-to-Board Header, Single Row, Right Angle, 4 Circuits, without PCB Locator
Series Number : 55935
Status : Active
Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings

559350430_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

559350430.dxf

Specifications

561340000-AS-000.pdf

559359200-200.pdf

513820000-PS-001.pdf

PS-51382-004-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
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)4165-DC (25 June 2025)

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	55935
Description	2.00mm Pitch MicroClasp Wire-to-Board Header, Single Row, Right Angle, 4 Circuits, without PCB Locator
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	MicroClasp
UPC	756054245798

Agency

UL	E29179

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
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	None
Lock to Mating Part	Yes
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	546.000/mg
Number of Rows	1
Orientation	Right Angle
Packaging Type	Tray
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
PC Tail Length	3.20mm
Pitch - Mating Interface	2.00mm
Plating min - Termination	1.000µm
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number
MicroClasp Single Row Receptacle	51382

Housings	
MicroClasp-to-MicroClasp Off-the-Shelf (OTS) Cable Assemblies	15136