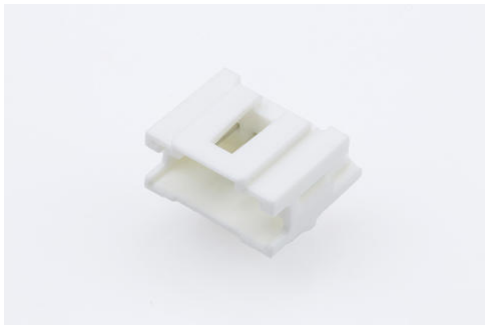




**Part Number :** [559350430](#)  
**Product Description :** 2.00mm Pitch MicroClasp  
Wire-to-Board Header, Single Row, Right Angle, 4  
Circuits, without PCB Locator  
**Series Number :** 55935  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## 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	<u>51382</u>

Housings	
MicroClasp-to-MicroClasp Off-the-Shelf (OTS) Cable Assemblies	<u>15136</u>