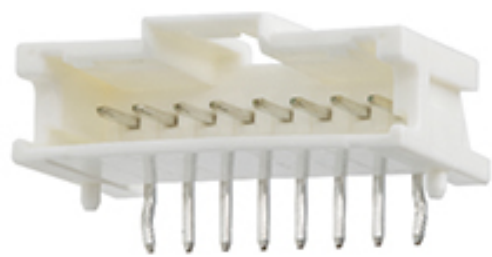




**Part Number :** [559350630](#)  
**Product Description :** 2.00mm Pitch  
MicroClasp Wire-to-Board Header, Single  
Row, Right Angle, 6 Circuits, without PCB  
Locator  
**Series Number :** 55935  
**Status :** Active  
**Product Category :** PCB Headers and  
Receptacles



Documents & Resources

Drawings

[Drawing 559350630\\_sd.pdf](#)

3D Models and Design Files


- [2D Drawing DXF 559350630.dxf](#)
- [2D Drawing DXF \(PDF\) 559350630.pdf](#)
- [3D Model 559350630\\_stp.zip](#)

Specifications

- [Application Specification 561340000-AS-000.pdf](#)
- [Packaging Specification 559359200-200.pdf](#)
- [Product Specification 513820000-PS-001.pdf](#)
- [Product Specification PS-51382-004-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

[Multiple Part Product Compliance Statements](#)  
- Eu RoHS

- REACH SVHC

- Low-Halogen

#### Multiple Part Industry Compliance Documents

- IPC 1752A Class C

- IPC 1752A Class D

- Molex Product Compliance Declaration

- IEC-62474

- chemSHERPA (xml)

#### EU RoHS Certificate of Compliance

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## 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, 6 Circuits, without PCB Locator
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	MicroClasp Wire-to-Board System
Product Name	MicroClasp
UPC	756054247525

### Agency

UL	E29179
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### Electrical

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

### Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
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	684.000/mg
Number of Rows	1
Orientation	Right Angle
Packaging Type	Tray
PC Tail Length	3.20mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	2.00mm
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
MicroClasp Single Row Receptacle Housings	<u>51382</u>
MicroClasp-to-MicroClasp Off-the-Shelf (OTS) Cable Assemblies	<u>15136</u>