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**Part Number:** [0559350310](#)  
**Status:** **Active**  
**Overview:** [MicroClasp Wire-to-Board System](#)  
**Description:** 2.00mm Pitch MicroClasp Wire-to-Board Header, Single Row, Right-Angle, 3 Circuits, with PCB Locator

**Documents:**

[3D Model](#) [Packaging Specification 559359200-200 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-51382-004-001 \(PDF\)](#)

**General**

|                |   |
|----------------|---|
| Product Family | PCB Headers                                     |
| Series         | <a href="#">55935</a>                           |
| Application    | Signal, Wire-to-Board                           |
| Overview       | <a href="#">MicroClasp Wire-to-Board System</a> |
| Product Name   | MicroClasp                                      |
| UPC            | 800756632117                                    |

**Physical**

|                                |               |
|--------------------------------|---------------|
| Breakaway                      | No            |
| Circuits (Loaded)              | 3             |
| Circuits (maximum)             | 3             |
| Color - Resin                  | Natural       |
| Durability (mating cycles max) | 30            |
| First Mate / Last Break        | No            |
| 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                     | 454.300/mg    |
| Number of Rows                 | 1             |
| Orientation                    | Right Angle   |
| PC Tail Length                 | 3.20mm        |
| PCB Locator                    | Yes           |
| PCB Retention                  | Yes           |
| PCB Thickness - Recommended    | 1.60mm        |
| Packaging Type                 | Tray          |
| Pitch - Mating Interface       | 2.00mm        |
| Shrouded                       | Fully         |
| Stackable                      | No            |
| Surface Mount Compatible (SMC) | No            |
| Temperature Range - Operating  | -25° to +85°C |
| Termination Interface: Style   | Through Hole  |

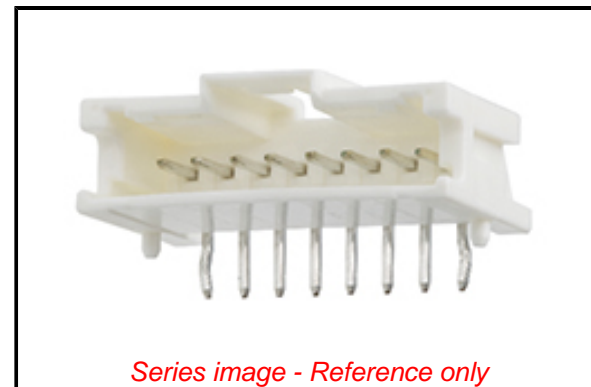
**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum             | 250V |

**Material Info**

**Reference - Drawing Numbers**

|                         |                  |
|-------------------------|------------------|
| Packaging Specification | 559359200-200    |
| Product Specification   | PS-51382-004-001 |



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/88/2018 (15  
January 2019)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[55935 Series](#)

**Mates With**

[51382](#) MicroClasp Wire-to-Board Receptacle Housing

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