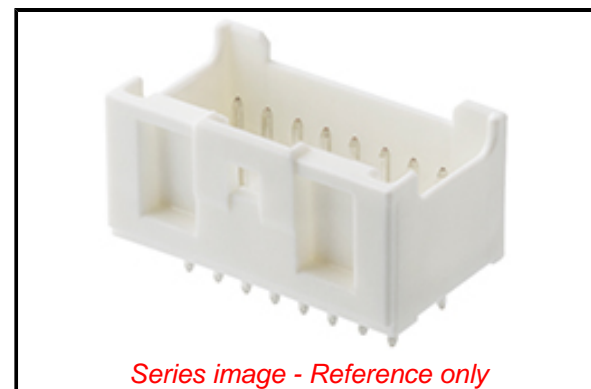


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0559172030**  
**Status:** **Active**  
**Overview:** MicroClasp Wire-to-Board System  
**Description:** 2.00mm Pitch MicroClasp Wire-to-Board Header, Dual Row, Vertical, 20 Circuits, without PCB Locator

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model</a>                                     | <a href="#">Application Specification 561340000-AS-000 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Packaging Specification 559179200-SPK-200 (PDF)</a>  |
| <a href="#">3D Model (PDF)</a>                               | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |
| <a href="#">Product Specification PS-51353-003-001 (PDF)</a> |  |



*Series image - Reference only*

**Agency Certification**

UL E29179

**General**

|                |  |
|----------------|--|
| Product Family | PCB Headers                            |
| Series         | 55917                                  |
| Application    | Signal, Wire-to-Board                  |
| Overview       | <u>MicroClasp Wire-to-Board System</u> |
| Product Name   | MicroClasp                             |
| UPC            | 756054338964                           |

**Physical**

|                                |                |
|--------------------------------|----------------|
| Breakaway                      | No             |
| Circuits (Loaded)              | 20             |
| Circuits (maximum)             | 20             |
| 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                     | 1516.500/mg    |
| Number of Rows                 | 2              |
| Orientation                    | Vertical       |
| PC Tail Length                 | 3.20mm         |
| PCB Locator                    | No             |
| 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  | -40° to +105°C |
| Termination Interface: Style   | Through Hole   |

**Electrical**

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

**Material Info**

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**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**

[55917 Series](#)

**Mates With**

[51353](#) MicroClasp Wire-to-Board Receptacle Housing

**Reference - Drawing Numbers**

|                           |                                    |
|---------------------------|------------------------------------|
| Application Specification | 561340000-AS-000                   |
| Packaging Specification   | 559179200-SPK-200                  |
| Product Specification     | PS-51353-003-001                   |
| Sales Drawing             | SD-55917-005-001, SD-55917-005-002 |

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