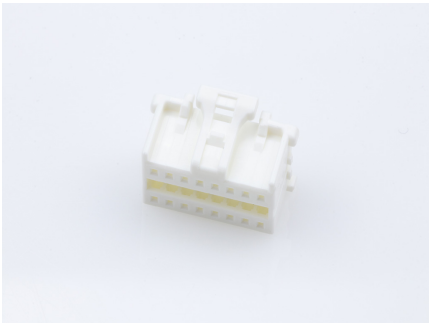




**Part Number :** [513531600](#)  
**Product Description :** 2.00mm Pitch  
MicroClasp Wire-to-Board Receptacle  
Housing, Positive Lock, Dual Row, 16 Circuits,  
White  
**Series Number :** 51353  
**Status :** Active  
**Product Category :** Connector Housings



Documents & Resources

**Drawings**  
[513531600\\_sd.pdf](#)

**3D Models and Design Files**  
[513531600\\_stp.zip](#)

**Specifications**  
[561340000-AS-000.pdf](#)  
[SPK-51353-001-001.pdf](#)  
[PS-51353-003-001.pdf](#)  
[PS-51353-010-001.pdf](#)

Product Environment Compliance

Compliance

|                    |                                                |
|--------------------|------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44                    |
| China RoHS         |                                                |
| EU ELV             | Not Relevant                                   |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                 |
| REACH SVHC         | Not Contained per D(2024)7663-DC (21 Jan 2025) |
| 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     | Connector Housings                                                                                    |
| Series       | 51353                                                                                                 |
| Description  | 2.00mm Pitch MicroClasp Wire-to-Board Receptacle Housing, Positive Lock, Dual Row, 16 Circuits, White |
| Application  | Signal, Wire-to-Board                                                                                 |
| Product Name | MicroClasp                                                                                            |
| UPC          | 800756611129                                                                                          |

#### Agency

|    |        |
|----|--------|
| UL | E29179 |
|----|--------|

#### Physical

|                          |            |
|--------------------------|------------|
| Circuits (maximum)       | 16         |
| Color - Resin            | White      |
| Flammability             | 94V-0      |
| Gender                   | Receptacle |
| Glow-Wire Capable        | No         |
| Lock to Mating Part      | Yes        |
| Material - Resin         | Nylon      |
| Net Weight               | 806.000/mg |
| Number of Rows           | 2          |
| Packaging Type           | Bag        |
| Panel Mount              | No         |
| Pitch - Mating Interface | 2.00mm     |
| Stackable                | No         |

|                               |                |
|-------------------------------|----------------|
| Temperature Range - Operating | -40° to +105°C |
|-------------------------------|----------------|

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## Mates With / Use With

### Mates with Part(s)

| Description                             | Part Number   |
|-----------------------------------------|---------------|
| MicroClasp Vertical Dual Row Headers    | <u>501844</u> |
| MicroClasp Vertical Dual Row Headers    | <u>55917</u>  |
| MicroClasp Right-Angle Dual Row Headers | <u>55959</u>  |

### Use with Part(s)

| Description                                                                                               | Part Number      |
|-----------------------------------------------------------------------------------------------------------|------------------|
| Pre-Crimped Lead MicroClasp Female-to-MicroClasp Female, Tin (Sn) Plating, 150.00mm Length, 24 AWG, Black | <u>797581001</u> |
| Pre-Crimped Lead MicroClasp Female-to-MicroClasp Female, Tin (Sn) Plating, 300.00mm Length, 24 AWG, Black | <u>797581002</u> |
| 2.00mm Pitch Crimp Terminal, Female, 28-22 AWG, Copper Alloy, Reel                                        | <u>561349000</u> |
| 2.00mm Pitch Crimp Terminal, Female, 28-22 AWG, Copper Alloy, Bag                                         | <u>561349100</u> |
| MicroClasp Terminal Position Assurance (TPA) Retainers                                                    | <u>500638</u>    |