



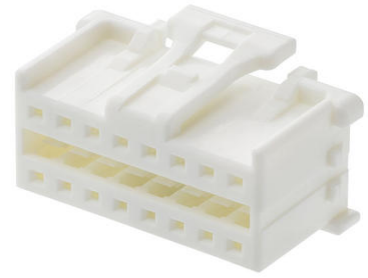
Part Number : [513533200](#)

Product Description : 2.00mm Pitch MicroClasp
Wire-to-Board Receptacle Housing, Positive Lock, Dual
Row, 32 Circuits, White

Series Number : 51353

Status : Active

Product Category : Connector Housings



Documents & Resources

Drawings

[513533200 sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications


[561340000-AS-000.pdf](#)

[SPK-51353-001-001.pdf](#)

[PS-51353-003-001.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|--|
| GADSL/IMDS | Compliant with Exemption 44 |
| China RoHS |  per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | 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 | Connector Housings |
| Series | 51353 |
| Description | 2.00mm Pitch MicroClasp Wire-to-Board Receptacle Housing, Positive Lock, Dual Row, 32 Circuits, White |
| Application | Signal, Wire-to-Board |
| Product Name | MicroClasp |
| UPC | 756054235867 |

Agency

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

Physical

| | |
|---------------------|-------------|
| Circuits (maximum) | 32 |
| Color - Resin | White |
| Flammability | 94V-0 |
| Gender | Receptacle |
| Glow-Wire Capable | No |
| Lock to Mating Part | Yes |
| Material - Resin | Nylon |
| Net Weight | 1414.000/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 |

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> |