molex



**Part Number :** 513820300
**Product Description :** 2.00mm Pitch MicroClasp Wire-to-Board Receptacle Housing, Positive Lock, Single Row, 3 Circuits, White
**Series Number :** 51382
**Status :** Active
**Product Category :** Connector Housings

## Documents and Resources

### Drawings

513820300_sd.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

513820300.dxf

### Specifications

561340000-AS-000.pdf

513829200-200.pdf

SPK-51382-001-001.pdf

513820000-PS-001.pdf

PS-51382-004-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| 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)6375-DC (05 Nov 2025) |

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| | |
|---|---|
| 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

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Connector Housings |
| Series | 51382 |
| Description | 2.00mm Pitch MicroClasp Wire-to-Board Receptacle Housing, Positive Lock, Single Row, 3 Circuits, White |
| Application | Signal, Wire-to-Board |
| Product Name | MicroClasp |
| UPC | 800756632254 |

### Agency

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

### Physical

| | |
|---|---|
| Circuits (maximum) | 3 |
| Color - Resin | White |
| Flammability | 94V-0 |

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| | |
|---|---|
| Gender | Receptacle |
| Glow-Wire Capable | No |
| Lock to Mating Part | Yes |
| Material - Resin | Nylon |
| Net Weight | 213.000/mg |
| Number of Rows | 1 |
| 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 Single Row Headers | 55932 |
| MicroClasp Right-Angle Single Row Headers | 55935 |

### Use with Part(s)

| Description | Part Number |
|---|---|
| Pre-Crimped Lead MicroClasp Female-to-MicroClasp Female, Tin (Sn) Plating, 150.00mm Length, 24 AWG, Black | 797581001 |
| Pre-Crimped Lead MicroClasp Female-to-MicroClasp Female, Tin (Sn) Plating, 300.00mm Length, 24 AWG, Black | 797581002 |
| 2.00mm Pitch, MicroClasp and MUO 2.5 Crimp Terminal, Female, 28-22 AWG, Copper Alloy, Reel | 561349000 |
| 2.00mm Pitch, MicroClasp and MUO 2.5 Crimp Terminal, Female, 28-22 AWG, Copper Alloy, Bag | 561349100 |
| MicroClasp Terminal Position | 500638 |

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|---|---|
| Assurance (TPA) Retainers | |



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