



**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



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## Documents & Resources

### Drawings

[Drawing 513820300\\_sd.pdf](#)

### 3D Models and Design Files

[2D Drawing DXF 513820300.dxf](#)

[2D Drawing DXF \(PDF\) 513820300.pdf](#)

[3D Model 513820300\\_stp.zip](#)

### Specifications

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

[Packaging Specification 513829200-200.pdf](#)

[Packaging Specification SPK-51382-001-001.pdf](#)


[Product Specification 513820000-PS-001.pdf](#)

[Product Specification PS-51382-004-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
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	51382
Description	2.00mm Pitch MicroClasp Wire-to-Board Receptacle Housing, Positive Lock, Single Row, 3 Circuits, White
Application	Signal, Wire-to-Board
Product Family	MicroClasp Wire-to-Board System
Product Name	MicroClasp
UPC	800756632254

### Agency

UL	E29179
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### Physical

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

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
MicroClasp Vertical Single Row Headers	<u>55932</u>
MicroClasp Right-Angle Single Row Headers	<u>55935</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>
MicroClasp Terminal Position Assurance (TPA) Retainers	<u>500638</u>
2.00mm Pitch Female Crimp Terminals	<u>56134</u>