



Part Number : [513821200](#)

Product Description : 2.00mm Pitch  
MicroClasp Wire-to-Board Receptacle  
Housing, Positive Lock, Single Row, 12  
Circuits, White

Series Number : 51382

Status : Active

Product Category : Connector Housings

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## Documents & Resources

### Drawings

[Drawing 513821200\\_sd.pdf](#)

### 3D Models and Design Files

[2D Drawing DXF 513821200.dxf](#)

[2D Drawing DXF \(PDF\) 513821200.pdf](#)

[3D Model 513821200\\_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, 12 Circuits, White
Application	Signal, Wire-to-Board
Product Family	MicroClasp Wire-to-Board System
Product Name	MicroClasp
UPC	800756632346

#### Agency

UL	E29179
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#### Physical

Circuits (maximum)	12
Color - Resin	White
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	565.200/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><a href="/content/molex/molex-dot-com/us/en/products/product-page.html/797581001.html">/content/molex/molex-dot-com/us/en/products/product-page.html/797581001.html</a></u>
Pre-Crimped Lead MicroClasp Female-to-MicroClasp Female, Tin (Sn) Plating, 300.00mm Length, 24 AWG, Black	<u><a href="/content/molex/molex-dot-com/us/en/products/product-page.html/797581002.html">/content/molex/molex-dot-com/us/en/products/product-page.html/797581002.html</a></u>
MicroClasp Terminal Position Assurance (TPA) Retainers	<u>500638</u>
2.00mm Pitch Female Crimp Terminals	<u>56134</u>

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