



Part Number : 513821000

Product Description : 2.00mm Pitch  
MicroClasp Wire-to-Board Receptacle  
Housing, Positive Lock, Single Row, 10  
Circuits, White

Series Number : 51382

Status : Active

Product Category : Connector Housings

Documents & Resources

Drawings

Drawing 513821000\_sd.pdf

3D Models and Design Files

2D Drawing DXF 513821000.dxf

2D Drawing DXF (PDF) 513821000.pdf

3D Model 513821000\_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

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, 10 Circuits, White
Application	Signal, Wire-to-Board
Product Family	MicroClasp Wire-to-Board System
Product Name	MicroClasp
UPC	800756632322

#### Agency

UL	E29179
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#### Physical

Circuits (maximum)	10
Color - Resin	White
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	487.900/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	<a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/797581001.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/797581001.html</a>
Pre-Crimped Lead MicroClasp Female-to-MicroClasp Female, Tin (Sn) Plating, 300.00mm Length, 24 AWG, Black	<a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/797581002.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/797581002.html</a>
MicroClasp Terminal Position Assurance (TPA) Retainers	<u>500638</u>
2.00mm Pitch Female Crimp Terminals	<u>56134</u>