

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0513821000](#)  
**Status:** **Active**  
**Overview:** [MicroClasp Wire-to-Board System](#)  
**Description:** 2.00mm Pitch MicroClasp Wire-to-Board Receptacle Housing, Positive Lock, Single Row, 10 Circuits, White

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-51382-004-001 (PDF)</a>
<a href="#">2D Drawing DXF (PDF)</a>	<a href="#">Application Specification 561340000-AS-000 (PDF)</a>
<a href="#">2D Drawing (DXF)</a>	<a href="#">Packaging Specification 513829200-200 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification SPK-51382-001-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification 513820000-PS-001 (PDF)</a>	

**Agency Certification**

UL E29179

**General**

Product Family	Crimp Housings
Series	<a href="#">51382</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">MicroClasp Wire-to-Board System</a>
Product Name	MicroClasp
Taxonomy	Connector Housings
UPC	800756632322

**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

**Material Info**

**Reference - Drawing Numbers**

Application Specification	561340000-AS-000
Packaging Specification	513829200-200, SPK-51382-001-001
Product Specification	513820000-PS-001, PS-51382-004-001
Sales Drawing	SD-51382-002-001



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[51382 Series](#)

**Mates With**

MicroClasp Vertical Header [55932](#) <br>  
MicroClasp Right Angle Header [55935](#)

**Use With**

MicroClasp TPA Retainer [500638](#) <br>  
Crimp Terminal [56134](#) <br> MicroClasp Pre-  
Crimped Leads [797581001](#) , [797581002](#)