

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

**Part Number:** [0513821400](#)  
**Status:** **Active**  
**Overview:** [MicroClasp Wire-to-Board System](#)  
**Description:** 2.00mm Pitch MicroClasp Wire-to-Board Receptacle Housing, Positive Lock, Single Row, 14 Circuits, White

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model</a>                                     | <a href="#">Application Specification 561340000-AS-000 (PDF)</a> |
| <a href="#">Drawing (PDF)</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="#">Product Specification 513820000-PS-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |
| <a href="#">Product Specification PS-51382-004-001 (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                                      |
| UPC            | 800756632360                                    |

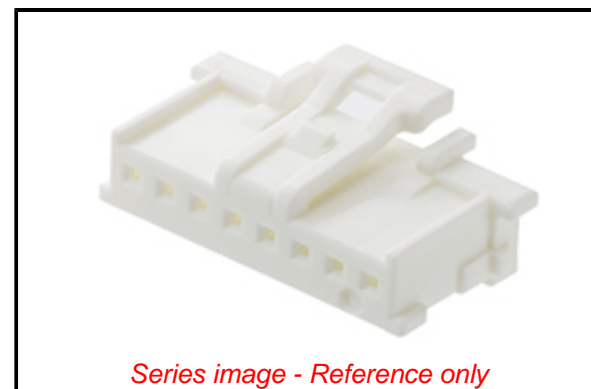
**Physical**

|                               |                |
|-------------------------------|----------------|
| Circuits (maximum)            | 14             |
| Color - Resin                 | White          |
| Flammability                  | 94V-0          |
| Gender                        | Receptacle     |
| Glow-Wire Capable             | No             |
| Lock to Mating Part           | Yes            |
| Material - Resin              | Nylon          |
| Net Weight                    | 642.400/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(2021)10043-DC (17  
Jan 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](#)