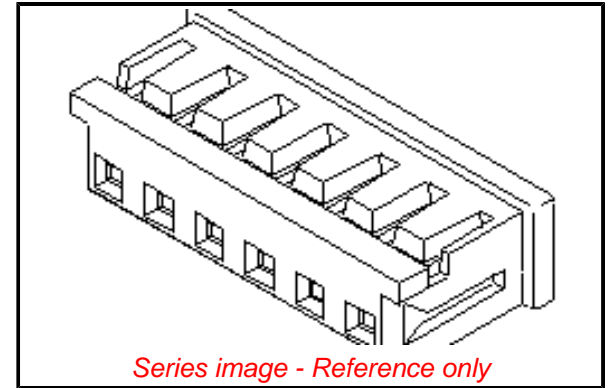


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0510651200**  
**Status:** **Active**  
**Overview:** Micro-Latch™ Wire-to-Board Connector System  
**Description:** 2.00mm Pitch Micro-Latch™ Wire-to-Board Housing, Friction Lock, 12 Circuits

**Documents:**

|  |   |
|--|---|
| <a href="#">3D Model</a>                                     | <a href="#">Product Specification PS-51065-017-001 (PDF)</a>    |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Product Specification PS-51065-018-001 (PDF)</a>    |
| <a href="#">Product Specification 510650000-000 (PDF)</a>    | <a href="#">Packaging Specification SPK-51065-001-001 (PDF)</a> |
| <a href="#">Product Specification PS-51065-005 (PDF)</a>     | <a href="#">RoHS Certificate of Compliance (PDF)</a>            |
| <a href="#">Product Specification PS-51065-016-001 (PDF)</a> |   |



**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

**General**

|                |  |
|----------------|--|
| Product Family | Crimp Housings                                     |
| Series         | <u>51065</u>                                       |
| Application    | Signal, Wire-to-Board                              |
| Overview       | <u>Micro-Latch™ Wire-to-Board Connector System</u> |
| Product Name   | Micro-Latch™                                       |
| UPC            | 800753574328                                       |

**Physical**

|                               |                 |
|-------------------------------|-----------------|
| Circuits (maximum)            | 12              |
| Color - Resin                 | Natural         |
| Flammability                  | 94V-0           |
| Gender                        | Female          |
| Glow-Wire Compliant           | No              |
| Material - Resin              | Polyester       |
| Net Weight                    | 297.200/mg      |
| Number of Rows                | 1               |
| Packaging Type                | Bag             |
| Panel Mount                   | No              |
| Pitch - Mating Interface      | 2.00mm          |
| Stackable                     | No              |
| Temperature Range - Operating | -40°C to +105°C |

**Material Info**

**Reference - Drawing Numbers**

|                         |   |
|-------------------------|---|
| Packaging Specification | SPK-51065-001-001   |
| Product Specification   | 510650000-000, PS-51065-005, PS-51065-016-001, PS-51065-017-001, PS-51065-018-001 |
| Sales Drawing           | SD-51065-004, SD-51065-006  |

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2017 (12  
January 2017)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[51065 Series](#)

**Mates With**

[53253 PCB Header](#), [53254 PCB Header](#)

**Use With**

[50212 Crimp Terminal](#)