

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

**Part Number:** **0510650500**  
**Status:** **Active**  
**Overview:** Micro-Latch™ Wire-to-Board Connector System  
**Description:** 2.00mm Pitch Micro-Latch™ Wire-to-Board Housing, Friction Lock, 5 Circuits

**Documents:**

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

**Agency Certification**

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

**General**

|                |   |
|----------------|---|
| Product Family | Crimp Housings                              |
| Series         | 51065                                       |
| Application    | Signal, Wire-to-Board                       |
| Overview       | Micro-Latch™ Wire-to-Board Connector System |
| Product Name   | Micro-Latch™                                |
| UPC            | 800753574267                                |

**Physical**

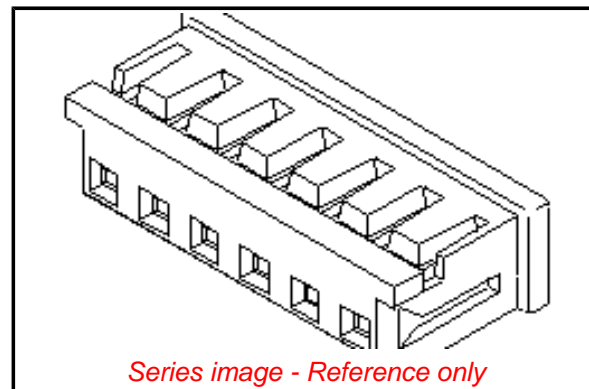
|                               |                 |
|-------------------------------|-----------------|
| Circuits (maximum)            | 5               |
| Color - Resin                 | Natural         |
| Flammability                  | 94V-0           |
| Gender                        | Female          |
| Glow-Wire Compliant           | No              |
| Material - Resin              | Polyester       |
| Net Weight                    | 136.700/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   |
| Product Specification   | PS-51065-005, PS-51065-016, PS-51065-017,<br>PS-51065-018, RPS-51065-001, RPS-51065-002,<br>RPS-51065-006, RPS-51065-007, RPS-51065-010,<br>RPS-51065-011, RPS-51065-012, RPS-51065-013,<br>RPS-51065-015, RPS-51065-020, RPS-51065-021,<br>RPS-51065-022, RPS-51065-023, RPS-51065-024,<br>RPS-51065-025, RPS-51065-026, RPS-51065-027,<br>RPS-51065-028, RPS-51065-029, RPS-51065-030,<br>RPS-51065-031, RPS-51065-032, RPS-51065-034<br>SD-51065-004, SD-51065-006 |

Sales Drawing



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(2015  
June 15): No

**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

ELV

**China RoHS**

Green Image

Not Relevant

**Search Parts in this Series**

51065 Series

**Mates With**

53253 PCB Header, 53254 PCB Header

**Use With**

50212 Crimp Terminal