

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

**Part Number:** **0511462000**  
**Status:** **Active**  
**Overview:** PanelMate™ Wire-to-Board Connector System  
**Description:** 1.25mm Pitch PanelMate™ Wire-to-Board Receptacle Housing, Ultra Low Profile, 20 Circuits

**Documents:**

|                                                              |                                                              |
|--------------------------------------------------------------|--------------------------------------------------------------|
| <a href="#">3D Model</a>                                     | <a href="#">Product Specification PS-51146-010-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Product Specification PS-51146-011-001 (PDF)</a> |
| <a href="#">Product Specification PS-51146-001 (PDF)</a>     | <a href="#">Product Specification PS-51146-012-001 (PDF)</a> |
| <a href="#">Product Specification PS-51146-006-001 (PDF)</a> | <a href="#">Packaging Specification 511469200-200 (PDF)</a>  |
| <a href="#">Product Specification PS-51146-008-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>         |

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E107635 |

**General**

|                |                                                           |
|----------------|-----------------------------------------------------------|
| Product Family | Crimp Housings                                            |
| Series         | <a href="#">51146</a>                                     |
| Application    | Power, Wire-to-Board                                      |
| Overview       | <a href="#">PanelMate™ Wire-to-Board Connector System</a> |
| Product Name   | PanelMate™                                                |
| UPC            | 800753683495                                              |

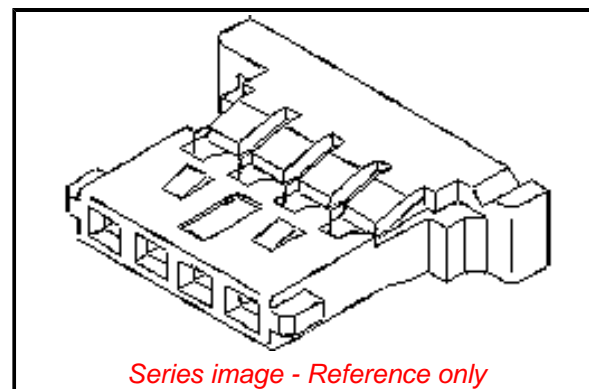
**Physical**

|                               |                |
|-------------------------------|----------------|
| Circuits (maximum)            | 20             |
| Color - Resin                 | Natural        |
| Flammability                  | 94V-0          |
| Gender                        | Female         |
| Glow-Wire Compliant           | No             |
| Net Weight                    | 162.400/mg     |
| Number of Rows                | 1              |
| Packaging Type                | Bag            |
| Panel Mount                   | No             |
| Pitch - Mating Interface      | 1.25mm         |
| Temperature Range - Operating | -40°C to +85°C |

**Material Info**

**Reference - Drawing Numbers**

|                         |                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------|
| Packaging Specification | 511469200-200                                                                                                |
| Product Specification   | PS-51146-001, PS-51146-006-001, PS-51146-008-001,<br>PS-51146-010-001, PS-51146-011-001,<br>PS-51146-012-001 |
| Sales Drawing           | SD-51146-001                                                                                                 |



**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**

[51146 Series](#)

**Mates With**

[53780](#)

**Use With**

[50641 Crimp Terminal](#) . [50753 Crimp Terminal](#)