

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

**Part Number:** **0511031100**  
**Status:** **Active**  
**Overview:** Mini-Lock Wire-to-Board Connector System  
**Description:** 2.50mm Pitch, Mini-Lock Receptacle Crimp Housing, Single Row, Positive Lock, 11 Circuits, Natural

**Documents:**

|  |   |
|--|---|
| <a href="#">3D Model</a>                                     | <a href="#">Product Specification PS-51103-024-001 (PDF)</a>    |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Product Specification PS-51103-026-001 (PDF)</a>    |
| <a href="#">3D Model (PDF)</a>                               | <a href="#">Product Specification PS-51103-027-001 (PDF)</a>    |
| <a href="#">Product Specification 511030000-PS-000 (PDF)</a> | <a href="#">Product Specification PS-51103-028-001 (PDF)</a>    |
| <a href="#">Product Specification PS-51103-001 (PDF)</a>     | <a href="#">Product Specification PS-51198-003 (PDF)</a>        |
| <a href="#">Product Specification PS-51103-002 (PDF)</a>     | <a href="#">Packaging Specification SPK-51103-001-001 (PDF)</a> |
| <a href="#">Product Specification PS-51103-005-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>            |
| <a href="#">Product Specification PS-51103-006 (PDF)</a>     |   |

**Agency Certification**

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

**General**

|                |  |
|----------------|--|
| Product Family | Crimp Housings   |
| Series         | <a href="#">51103</a>                                    |
| Application    | Signal, Wire-to-Wire                                     |
| Overview       | <a href="#">Mini-Lock Wire-to-Board Connector System</a> |
| Product Name   | Mini-Lock  |
| UPC            | 800754307390   |

**Physical**

|                               |                |
|-------------------------------|----------------|
| Circuits (maximum)            | 11             |
| Color - Resin                 | Natural        |
| Flammability                  | 94V-0          |
| Gender                        | Receptacle     |
| Glow-Wire Capable             | No             |
| Keying to Mating Part         | None           |
| Material - Resin              | Polyester      |
| Net Weight                    | 788.800/mg     |
| Number of Rows                | 1              |
| Packaging Type                | Bag            |
| Panel Mount                   | No             |
| Pitch - Mating Interface      | 2.50mm         |
| Stackable                     | No             |
| Temperature Range - Operating | -40° to +105°C |

**Material Info**

**Reference - Drawing Numbers**

|                         |  |
|-------------------------|--|
| Packaging Specification | SPK-51103-001-001  |
| Product Specification   | 511030000-PS-000, PS-51103-001, PS-51103-002, PS-51103-005-001, PS-51103-006, PS-51103-024-001, PS-51103-026-001, PS-51103-027-001, PS-51103-028-001, PS-51198-003 |
| Sales Drawing           | SD-51103-021, SD-51103-023   |



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/71/2019 (16 July 2019)

**Halogen-Free**

**Status**

**Not 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**

[51103 Series](#)

**Mates With**

Mini-Lock Plug Housing (W-to-W) [51198](#) .  
Mini-Lock Vertical Header (W-to-B) [53375](#) (H=11.5mm), [53517](#) (H=17.5mm)

**Use With**

[50351](#)