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**Part Number:** [53426-0790](#)  
**Status:** **Active**  
**Overview:** Mini-Lock™  
**Description:** 2.50mm Pitch Mini-Lock™ Wire-to-Board Header, Right Angle, Friction and Positive Lock, Radial Tape Packaging, 7 Circuits, Lead-Free

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model</a>                                 | <a href="#">Product Specification PS-51103-005 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                            | <a href="#">Product Specification PS-51163-002 (PDF)</a> |
| <a href="#">Product Specification PS-51102-002 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>     |

**Agency Certification**

|     |           |
|-----|-----------|
| CSA | LR19980   |
| TUV | R72081037 |
| UL  | E29179    |

**General**

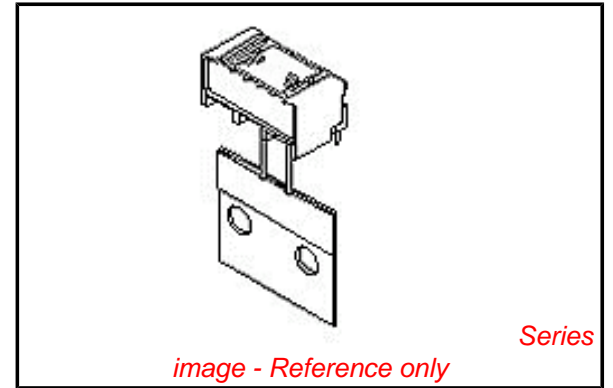
|                |                       |
|----------------|-----------------------|
| Product Family | PCB Headers           |
| Series         | <a href="#">53426</a> |
| Application    | Signal, Wire-to-Board |
| Overview       | <u>Mini-Lock™</u>     |
| Product Name   | Mini-Lock™            |
| UPC            | 800754235693          |

**Physical**

|                                |                 |
|--------------------------------|-----------------|
| Breakaway                      | No              |
| Circuits (Loaded)              | 7               |
| Circuits (maximum)             | 7               |
| Color - Resin                  | White           |
| Durability (mating cycles max) | 30              |
| Flammability                   | 94V-0           |
| Glow-Wire Compliant            | No              |
| Keying to Mating Part          | Yes             |
| Lock to Mating Part            | Yes             |
| Material - Metal               | Phosphor Bronze |
| Material - Plating Mating      | Tin             |
| Material - Plating Termination | Tin             |
| Net Weight                     | 961.140/mg      |
| Number of Rows                 | 1               |
| Orientation                    | Right Angle     |
| PC Tail Length                 | 2.80mm          |
| PCB Locator                    | Yes             |
| PCB Retention                  | Yes             |
| PCB Thickness - Recommended    | 1.60mm          |
| Packaging Type                 | Radial Tape     |
| Pitch - Mating Interface       | 2.50mm          |
| Polarized to PCB               | No              |
| Shrouded                       | Fully           |
| Stackable                      | No              |
| Surface Mount Compatible (SMC) | No              |
| Temperature Range - Operating  | -40°C to +105°C |
| Termination Interface: Style   | Through Hole    |

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 3A   |
| Voltage - Maximum             | 250V |



**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Not Low-Halogen**

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[53426Series](#)

**Mates With**

[51102](#) Housing with Friction Lock, [51103](#) Housing with Positive Lock, [51163](#) , [51164](#) Housing with Positive Lock and Retainer, [50351](#) Crimp Terminal, [50752](#) Crimp Terminal

## Material Info

### Reference - Drawing Numbers

Product Specification

PS-51102-002, PS-51103-005, PS-51163-002,  
RPS-51103-010, RPS-51103-011, RPS-51103-022,  
RPS-51103-032, RPS-51103-033, RPS-51103-039,  
RPS-51103-041, RPS-51103-047, RPS-51103-050,  
RPS-51103-056, RPS-51103-057, RPS-51163-002  
SD-53426-002

Sales Drawing

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