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**Part Number:** [53517-0310](#)  
**Status:** **Active**  
**Overview:** Mini-Lock™ Wire-to-Board Connector System  
**Description:** 2.50mm Pitch Mini-Lock™ Wire-to-Board PCB Header, Vertical, 3 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-51103-024 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-51103-006 (PDF)</a>	

**Agency Certification**

UL	E29179
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**General**

Product Family	PCB Headers
Series	53517
Application	Signal, Wire-to-Board
Overview	<a href="#">Mini-Lock™ Wire-to-Board Connector System</a>
Product Name	Mini-Lock™
UPC	800753466234

**Physical**

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
Glow-Wire Compliant	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Resin	Nylon
Net Weight	1071.700/mg
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.50mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	2.50mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

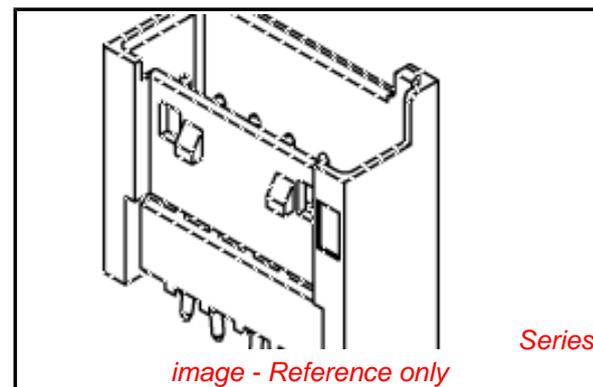
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-51103-006, PS-51103-024, RPS-51103-001, RPS-51103-003, RPS-51103-020, RPS-51103-043, RPS-51103-049, RPS-51103-057
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**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**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**

53517Series

**Mates With**

51103 Crimp Housing, 50351 Crimp Terminal

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