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**Part Number:** [53517-0910](#)  
**Status:** **Active**  
**Overview:** Mini-Lock™ Wire-to-Board Connector System  
**Description:** 2.50mm Pitch Mini-Lock™ Wire-to-Board PCB Header, Vertical, 9 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-51103-024 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-51103-006 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family PCB Headers  
 Series [53517](#)  
 Application Signal, Wire-to-Board  
 Overview [Mini-Lock™ Wire-to-Board Connector System](#)  
 Product Name Mini-Lock™  
 UPC 800753466500

**Physical**

Breakaway No  
 Circuits (Loaded) 9  
 Circuits (maximum) 9  
 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 2539.900/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

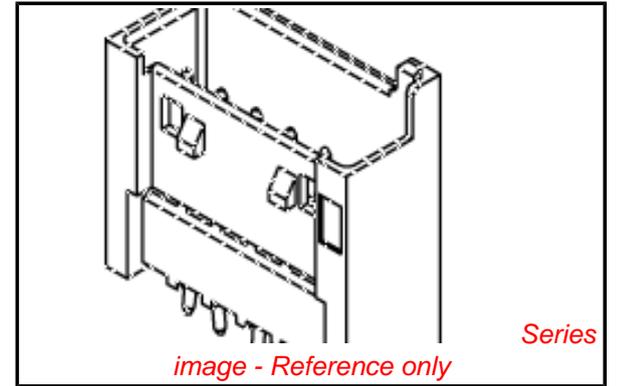
**Electrical**

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



**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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