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Part Number: [53517-0610](#)
Status: **Active**
Overview: Mini-Lock™ Wire-to-Board Connector System
Description: 2.50mm Pitch Mini-Lock™ Wire-to-Board PCB Header, Vertical, 6 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 800753466371

Physical

Breakaway No
 Circuits (Loaded) 6
 Circuits (maximum) 6
 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 1805.800/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

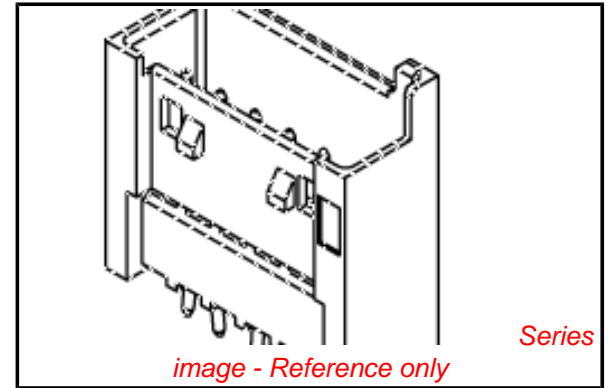
Electrical

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

Not Reviewed

Low-Halogen Status

Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email 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

This document was generated on 01/15/2014

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