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Part Number: [53517-0410](#)
Status: **Active**
Overview: [Mini-Lock™ Wire-to-Board Connector System](#)
Description: 2.50mm Pitch Mini-Lock™ Wire-to-Board PCB Header, Vertical, 4 Circuits

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

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 800753466289

Physical

Breakaway No
Circuits (Loaded) 4
Circuits (maximum) 4
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 1316.400/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

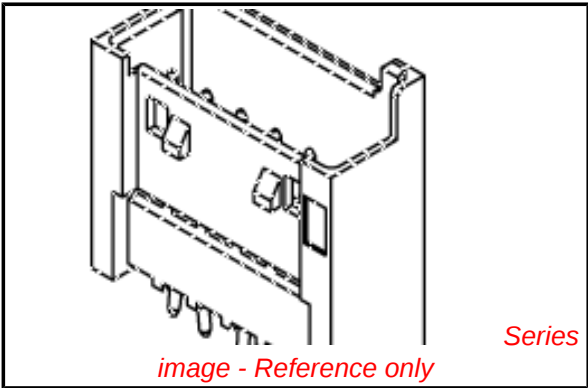
Electrical

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



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

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