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Part Number: [53375-0610](#)
Status: **Active**
Overview: [Mini-Lock™ Wire-to-Board Connector System](#)
Description: 2.50mm Pitch Mini-Lock™ Wire-to-Board Header, Vertical, Friction and Positive Lock, 6 Circuits, Lead-Free

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-51103-005 \(PDF\)](#)
[Product Specification PS-51163-002 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [53375](#)
Application Signal, Wire-to-Board
MolexKits Yes
Overview [Mini-Lock™ Wire-to-Board Connector System](#)
Product Name Mini-Lock™
UPC 800753563650

Physical

Breakaway No
Circuits (Loaded) 6
Circuits (maximum) 6
Color - Resin Natural
Durability (mating cycles max) 30
First Mate / Last Break No
Flammability 94V-0
Glow-Wire Compliant No
Guide to Mating Part No
Keying to Mating Part None
Lock to Mating Part Yes
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin Polyester
Net Weight 741.800/mg
Number of Rows 1
Orientation Vertical
PC Tail Length 3.40mm
PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 1.60mm
Packaging Type Bag
Pitch - Mating Interface 2.50mm
Polarized to PCB Yes
Shrouded Fully
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Through Hole

Electrical

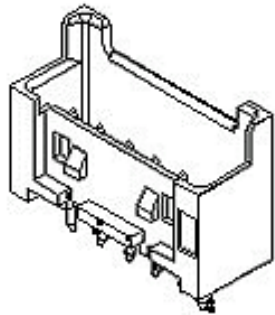


image - Reference only

Series

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
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
[53375Series](#)

Mates With
Mini-Lock™ Wire-to-Board and Wire-to-Wire Crimp Terminal [51103](#) , [51102](#) , [51163](#)

Current - Maximum per Contact
Voltage - Maximum

3A
250V

Material Info

Reference - Drawing Numbers

Product Specification

PS-51103-005, PS-51163-002, RPS-51103-009,
RPS-51103-010, RPS-51103-011, RPS-51103-032,
RPS-51103-041, RPS-51103-046, RPS-51103-047,
RPS-51103-050, RPS-51103-053, RPS-51103-054,
RPS-51103-056, RPS-51163-002, RPS-51163-004
SD-53375-001

Sales Drawing

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