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Part Number: [53375-0210](#)
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, 2 Circuits

Documents:

| | |
|----------------------------------------------------------|----------------------------------------------------------|
| 3D Model | Product Specification PS-51163-002 (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-51103-005 (PDF) | |

Agency Certification

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

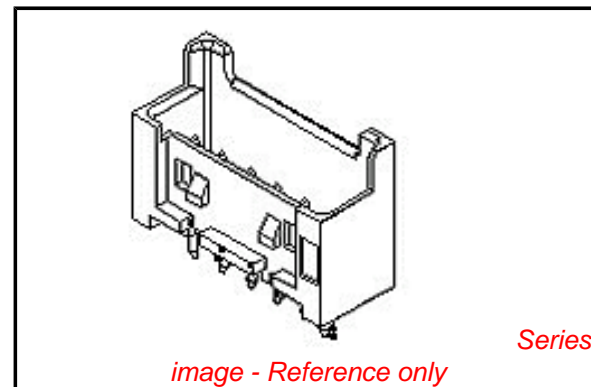
General

| | |
|----------------|-----------------------------------------------------------|
| 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 | 800754318679 |

Physical

| | |
|--------------------------------|-----------------|
| Breakaway | No |
| Circuits (Loaded) | 2 |
| Circuits (maximum) | 2 |
| 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 | 378.000/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



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

3.0A
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-51103-056, RPS-51163-002,
RPS-51163-004

Sales Drawing

SD-53375-001

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