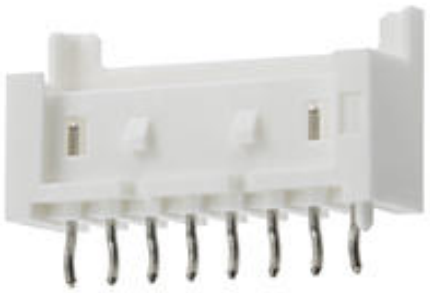
**Part Number :** 535170410
**Product Description :** 2.50mm Pitch Mini-Lock Wire-to-Board PCB Header, Vertical, 4 Circuits
**Series Number :** 53517
**Status :** Obsolete
**Product Category :** PCB Headers and Receptacles



## Documents and Resources

### Drawings

535170410_sd.pdf

### Specifications

535179200-SPK-201.pdf

PS-51103-006-001.pdf

PS-51103-024-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)7771-DC (04 Feb 2026) |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Obsolete

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Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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## Part Details

### General

| | |
|---|---|
| Status | Obsolete |
| Category | PCB Headers and Receptacles |
| Series | 53517 |
| Description | 2.50mm Pitch Mini-Lock Wire-to-Board PCB Header, Vertical, 4 Circuits |
| Application | Wire-to-Board |
| Comments | Improvement on the recommended potting height spec, Mates With Series 51163 |
| Component Type | PCB Header |
| Product Name | Mini-Lock |
| UPC | 800753466289 |

### Agency

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

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum | 250V |

### Physical

| | |
|---|---|
| Breakaway | No |
| Circuits (Loaded) | 4 |
| Circuits (maximum) | 4 |
| First Mate / Last Break | No |
| Flammability | 94V-0 |
| Glow-Wire Capable | No |

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| | |
|---|---|
| Keying to Mating Part | No |
| 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 |
| Packaging Type | Tray |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.60mm |
| PC Tail Length | 3.50mm |
| Pitch - Mating Interface | 2.50mm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Shrouded | Shrouded |
| Stackable | No |
| Temperature Range - Operating | -55° to +105°C |
| Termination Interface Style | Through Hole |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| Mini-Lock Single Row Receptacle Housings | 51103 |

Obsolete



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