**Part Number :** 533751310
**Product Description :** 2.50mm Pitch, Mini-Lock PCB Header, Single Row, Vertical, Through Hole with Kinked Pins, Tin Plating, Positive Lock, 13 Circuits, Bag, 3.40mm PC Tail Length
**Series Number :** 53375
**Status :** Active
**Product Category :** PCB Headers and Receptacles




## Documents and Resources

### Drawings

533751310_sd.pdf

SPK-53375-001-001.pdf

SPK-53375-001-002.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

533751310.dxf

### Specifications

533759200-SPK-200.pdf

511630000-PS-000.pdf

511631000-PS-000.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Compliant with Exemption 44 |
| 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) |

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| | |
|---|---|
| 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)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | PCB Headers and Receptacles |
| Series | 53375 |
| Description | 2.50mm Pitch, Mini-Lock PCB Header, Single Row, Vertical, Through Hole with Kinked Pins, Tin Plating, Positive Lock, 13 Circuits, Bag, 3.40mm PC Tail Length |
| Application | Wire-to-Board |
| Component Type | PCB Header |
| Product Name | Mini-Lock |
| UPC | 800753437760 |

### Agency

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

### Electrical

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| | |
|---|---|
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum | 250V AC (RMS)/DC |

**Physical**

| | |
|---|---|
| Breakaway | No |
| Circuits (Loaded) | 13 |
| Circuits (maximum) | 13 |
| Color - Resin | Natural |
| Durability (mating cycles max) | 30 |
| First Mate / Last Break | No |
| Flammability | 94V-0 |
| Gender | Male |
| Glow-Wire Capable | No |
| Guide to Mating Part | No |
| Keying to Mating Part | No |
| Lock to Mating Part | Yes |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Polyester |
| Mounting Style | Through Hole |
| Net Weight | 1362.000/mg |
| Number of Rows | 1 |
| Orientation | Vertical |
| Packaging Type | Bag |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.60mm |
| PC Tail Length | 3.40mm |
| Pitch - Mating Interface | 2.50mm |
| Pitch - Termination Interface | 2.50mm |
| Plating min - Mating | 1.000µm |
| Plating min - Termination | 1.000µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Shrouded | Shrouded |

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| | |
|---|---|
| Stackable | No |
| Temperature Range - Operating | -55° to +105°C |
| Termination Interface Style | Through Hole - Kinked Pin |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| Mini-Lock Single Row Receptacle Housings | 51163 |
| Mini-Lock-to-Mini-Lock Off-the-Shelf (OTS) Cable Assemblies | 15137 |



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