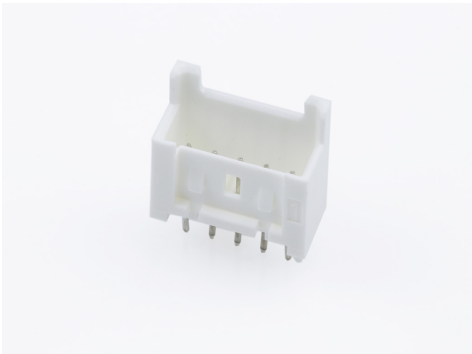




Part Number : [533750510](#)
Product Description : 2.50mm Pitch, Mini-Lock PCB Header, Single Row, Vertical, Through Hole with Kinked Pins, Tin Plating, Positive Lock, 5 Circuits, Bag, 3.40mm PC Tail Length
Series Number : 53375
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources


Drawings
[533750510_sd.pdf](#)
[SPK-53375-001-001.pdf](#)
[SPK-53375-001-002.pdf](#)

3D Models and Design Files
[533750510.dxf](#)
[533750510.pdf](#)
[533750510_stp.zip](#)

Specifications
[533759200-SPK-200.pdf](#)
[PS-51103-005-001.pdf](#)
[511630000-PS-000.pdf](#)
[511631000-PS-000.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Compliant with Exemption 44 |
| China RoHS |  |
| EU ELV | Compliant per 2000/53/EC |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2024)7663-DC (21 Jan 2025) |
| EU RoHS | Compliant per EU 2015/863 |

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

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

EU RoHS Certificate of Compliance

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, 5 Circuits, Bag, 3.40mm PC Tail Length |
| Application | Signal, Wire-to-Board |
| Component Type | PCB Header |
| Product Name | Mini-Lock |
| UPC | 800754235167 |

Agency

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

Electrical

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

Physical

| | |
|-----------|----|
| Breakaway | No |
|-----------|----|

| | |
|--------------------------------|---------------------------|
| Circuits (Loaded) | 5 |
| Circuits (maximum) | 5 |
| Color - Resin | Natural |
| Durability (mating cycles max) | 30 |
| First Mate / Last Break | No |
| Flammability | 94V-0 |
| Glow-Wire Capable | 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 | 654.000/mg |
| Number of Rows | 1 |
| Orientation | Vertical |
| Packaging Type | Bag |
| PC Tail Length | 3.40mm |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.60mm |
| Pitch - Mating Interface | 2.50mm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Shrouded | Fully |
| 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 | <u>51163</u> |

