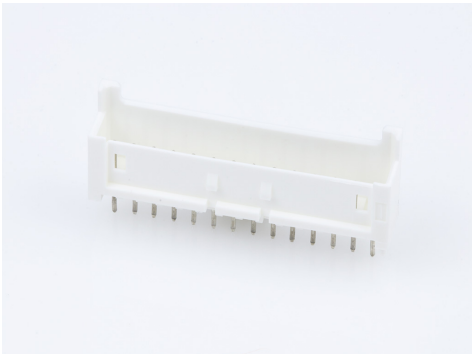




**Part Number :** [533751410](#)  
**Product Description :** 2.50mm Pitch, Mini-Lock PCB Header, Single Row, Vertical, Through Hole with Kinked Pins, Tin Plating, Positive Lock, 14 Circuits, Bag, 3.40mm PC Tail Length  
**Series Number :** 53375  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents & Resources


**Drawings**  
[533751410\\_sd.pdf](#)  
[SPK-53375-001-001.pdf](#)  
[SPK-53375-001-002.pdf](#)

**3D Models and Design Files**  
[533751410.dxf](#)  
[533751410.pdf](#)  
[533751410\\_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	Not Relevant
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

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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, 14 Circuits, Bag, 3.40mm PC Tail Length
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	Mini-Lock
UPC	800753437876

#### Agency

CSA	LR19980
UL	E29179

#### Electrical

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

#### Physical

Breakaway	No
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Circuits (Loaded)	14
Circuits (maximum)	14
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	1456.000/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

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Mini-Lock Single Row Receptacle Housings	<u>51163</u>

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This document was generated on Mar 14, 2025