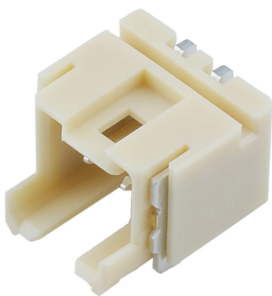




**Part Number :** [2159320270](#)  
**Product Description :** 2.50mm Pitch, Mini-Lock PCB Header, Single Row, Right-Angle, Surface Mount, Tin Plating, 2 Circuits, Natural, Tape and Reel  
**Series Number :** 215932  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents & Resources

### Drawings

[Drawing 2159320270\\_sd.pdf](#)

### 3D Models and Design Files

- [2D Drawing DXF 2159320270.dxf](#)
- [2D Drawing DXF \(PDF\) 2159320270.pdf](#)
- [3D Model 2159320270\\_stp.zip](#)

### Specifications

- [Packaging Specification 2159329200-SPK-200.pdf](#)
- [Product Specification 511630000-PS-000.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44; 33                                                       |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21                                                    |
| REACH SVHC         | Not Contained per D(2023)3788-DC (14 Jun 2023)                                        |
| 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         | 215932                                                                                                                      |
| Description    | 2.50mm Pitch, Mini-Lock PCB Header, Single Row, Right-Angle, Surface Mount, Tin Plating, 2 Circuits, Natural, Tape and Reel |
| Application    | Signal, Wire-to-Board                                                                                                       |
| Component Type | PCB Header                                                                                                                  |
| Product Family | Mini-Lock Wire-to-Board Connector System                                                                                    |
| Product Name   | Mini-Lock                                                                                                                   |
| UPC            | 193264835089                                                                                                                |

#### Agency

|    |        |
|----|--------|
| UL | E29179 |
|----|--------|

#### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 5.0A |
| Voltage - Maximum             | 250V |

#### Physical

|                                |         |
|--------------------------------|---------|
| Breakaway                      | No      |
| Circuits (Loaded)              | 2       |
| Circuits (maximum)             | 2       |
| Color - Resin                  | Natural |
| Durability (mating cycles max) | 30      |

|                                |                       |
|--------------------------------|-----------------------|
| First Mate / Last Break        | No                    |
| Glow-Wire Capable              | Yes                   |
| Guide to Mating Part           | No                    |
| Keying to Mating Part          | Yes                   |
| Lock to Mating Part            | Yes                   |
| Material - Metal               | Brass                 |
| Material - Plating Mating      | Matte Tin             |
| Material - Plating Termination | Matte Tin             |
| Material - Resin               | Polyamide             |
| Net Weight                     | 785.000/mg            |
| Number of Rows                 | 1                     |
| Orientation                    | Right Angle           |
| Packaging Type                 | Embossed Tape on Reel |
| 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                       | Fully                 |
| Temperature Range - Operating  | -55° to +105°C        |
| Termination Interface Style    | Surface Mount         |

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## Mates With / Use With

### Mates with Part(s)

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