



**Part Number :** [534260710](#)  
**Product Description :** 2.50mm Pitch, Mini-Lock PCB Header, Single Row, Right-Angle, Through Hole with Kinked Pins, Tin Plating, Positive Lock, 7 Circuits, Tray, 3.40mm PC Tail Length, Natural  
**Series Number :** 53426  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents & Resources

### Drawings

[534260710 sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

[534260710.dxf](#)

### Specifications

[SPK-53426-002-001.pdf](#)

[PS-51103-005-001.pdf](#)

[511630000-PS-000.pdf](#)

[511631000-PS-000.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44; 34                                                                              |
| China RoHS         | <br>per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                                 |
| Low-Halogen Status | Not Low-Halogen per IEC<br>61249-2-21                                                                        |
| REACH SVHC         | Not Contained per D(2025)4165-DC                                                                             |

|         |                           |
|---------|---------------------------|
|         | (25 June 2025)            |
| 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

## Part Details

### General

|                |                                                                                                                                                                          |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                                                                                                   |
| Category       | PCB Headers and Receptacles                                                                                                                                              |
| Series         | 53426                                                                                                                                                                    |
| Description    | 2.50mm Pitch, Mini-Lock PCB Header, Single Row, Right-Angle, Through Hole with Kinked Pins, Tin Plating, Positive Lock, 7 Circuits, Tray, 3.40mm PC Tail Length, Natural |
| Application    | Signal, Wire-to-Board                                                                                                                                                    |
| Component Type | PCB Header                                                                                                                                                               |
| Product Name   | Mini-Lock                                                                                                                                                                |
| UPC            | 800754357180                                                                                                                                                             |

### Agency

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

## Electrical

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

## Physical

|                                |                           |
|--------------------------------|---------------------------|
| Breakaway                      | No                        |
| Circuits (Loaded)              | 7                         |
| Circuits (maximum)             | 7                         |
| Color - Resin                  | Natural                   |
| Durability (mating cycles max) | 30                        |
| First Mate / Last Break        | No                        |
| Flammability                   | 94V-0                     |
| Glow-Wire Capable              | No                        |
| Keying to Mating Part          | None                      |
| Lock to Mating Part            | Yes                       |
| Material - Metal               | Phosphor Bronze           |
| Material - Plating Mating      | Tin                       |
| Material - Plating Termination | Tin                       |
| Material - Resin               | Polyester                 |
| Net Weight                     | 959.400/mg                |
| Number of Rows                 | 1                         |
| Orientation                    | Right Angle               |
| Packaging Type                 | Tray                      |
| PCB Locator                    | No                        |
| PCB Retention                  | Yes                       |
| PCB Thickness - Recommended    | 1.60mm                    |
| PC Tail Length                 | 3.40mm                    |
| Pitch - Mating Interface       | 2.50mm                    |
| Plating min - Termination      | 1.000µm                   |
| Polarized to Mating Part       | Yes                       |
| Polarized to PCB               | No                        |
| 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> |
| Mini-Lock-to-Mini-Lock Off-the-Shelf (OTS) Cable Assemblies | <u>15137</u> |