



Part Number : 534269071

Series Number : 53426

Product Category : PCB Headers and Receptacles

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, Glow-Wire Capable, Black

Status : Active

Documents & Resources

Drawings

Drawing 534269071_sd.pdf

3D Models and Design Files

2D Drawing DXF 534269071.dxf

2D Drawing DXF (PDF) 534269071.pdf

3D Model 534269071_stp.zip


Specifications

Packaging Specification SPK-53426-002-001.pdf

Product Specification 511630000-PS-000.pdf

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Not Relevant |
| 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

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, Glow-Wire Capable, Black |
| Application | Signal, Wire-to-Board |
| Component Type | PCB Header |
| Product Family | Mini-Lock Wire-to-Board Connector System |
| Product Name | Mini-Lock |
| UPC | 196823332616 |

Agency

| | |
|----|--------|
| 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 | Black |
| Durability (mating cycles max) | 30 |

| | |
|--------------------------------|---------------------------|
| Glow-Wire Capable | Yes |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Polyamide |
| Net Weight | 829.700/mg |
| Number of Rows | 1 |
| Orientation | Right Angle |
| Packaging Type | Tray |
| PC Tail Length | 3.40mm |
| PCB Locator | No |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.60mm |
| Pitch - Mating Interface | 2.50mm |
| 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 |

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> |