



Part Number : 5031751510

Series Number : 503175

Product Category : PCB Headers and Receptacles

Product Description : 1.50mm Pitch, CLIK-Mate PCB Receptacle, Single Row, Through Hole, Right-Angle, Tin Plating, Positive Lock, without Peg, 15 Circuits, Natural

Status : Active

Documents & Resources

Drawings

Drawing 5031751510\_sd.pdf

3D Models and Design Files

3D Model 5031751510\_stp.zip

Specifications

Application Specification AS-502578-001-001.pdf


Packaging Specification SPK-503175-001-001.pdf

Product Specification 5025780002-PS-000.pdf

Product Specification 5025781002-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(2024)4144-DC (27 June 2024)                                       |
| 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         | 503175   |
| Description    | 1.50mm Pitch, CLIK-Mate PCB Receptacle, Single Row, Through Hole, Right-Angle, Tin Plating, Positive Lock, without Peg, 15 Circuits, Natural |
| Application    | Signal, Wire-to-Board  |
| Component Type | PCB Receptacle   |
| Product Family | CLIK-Mate Wire-to-Board Connectors   |
| Product Name   | CLIK-Mate  |
| UPC            | 883906059644   |

#### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 2.0A |
| Voltage - Maximum             | 100V |

#### Physical

|                                |              |
|--------------------------------|--------------|
| Circuits (Loaded)              | 15           |
| Circuits (maximum)             | 15           |
| Color - Resin                  | Beige        |
| Durability (mating cycles max) | 30           |
| Glow-Wire Capable              | No           |
| Guide to Mating Part           | Yes          |
| Keying to Mating Part          | None         |
| Lock to Mating Part            | Yes          |
| Material - Metal               | Copper Alloy |

|                                |                |
|--------------------------------|----------------|
| Material - Plating Mating      | Tin            |
| Material - Plating Termination | Tin            |
| Net Weight                     | 1279.001/mg    |
| Number of Rows                 | 1              |
| Orientation                    | Right Angle    |
| Packaging Type                 | Tray           |
| PCB Locator                    | No             |
| PCB Retention                  | Yes            |
| PCB Thickness - Recommended    | 1.60mm, 2.40mm |
| Pitch - Mating Interface       | 1.50mm         |
| Pitch - Termination Interface  | 1.50mm         |
| Polarized to Mating Part       | Yes            |
| Polarized to PCB               | Yes            |
| Stackable                      | No             |
| Temperature Range - Operating  | -40° to +105°C |
| Termination Interface Style    | Through Hole   |

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## Mates With / Use With

### Mates with Part(s)

| Description                                     | Part Number   |
|---|---------------|
| 1.50mm Pitch CLIK-Mate Single Row Plug Housings | <u>502578</u> |