



Part Number : 5025840566

Product Description : 1.50mm Pitch, CLIK-Mate PCB Receptacle, Single Row, Surface Mount, Vertical, Tin Plating, Positive Lock, with Pick-and-Place Polyimide Tape, 5 Circuits, Green

Series Number : 502584

Product Category : PCB Headers and Receptacles

Status : New Business Not Supported


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## Documents & Resources

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### 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(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         | New Business Not Supported   |
| Category       | PCB Headers and Receptacles  |
| Series         | 502584   |
| Description    | 1.50mm Pitch, CLIK-Mate PCB Receptacle, Single Row, Surface Mount, Vertical, Tin Plating, Positive Lock, with Pick-and-Place Polyimide Tape, 5 Circuits, Green |
| Application    | Signal, Wire-to-Board  |
| Component Type | PCB Receptacle   |
| Product Family | CLIK-Mate Wire-to-Board Connectors   |
| Product Name   | CLIK-Mate  |
| UPC            | 883906293291   |

## Electrical

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

## Physical

|                                |                       |
|--------------------------------|-----------------------|
| Circuits (Loaded)              | 5                     |
| Circuits (maximum)             | 5                     |
| Color - Resin                  | Green                 |
| Durability (mating cycles max) | 30                    |
| Glow-Wire Capable              | No                    |
| Guide to Mating Part           | No                    |
| Keying to Mating Part          | None                  |
| Lock to Mating Part            | Yes                   |
| Mated Height                   | 9.70mm                |
| Material - Metal               | Copper Alloy          |
| Material - Plating Mating      | Tin                   |
| Net Weight                     | 552.000/mg            |
| Number of Rows                 | 1                     |
| Orientation                    | Vertical              |
| Packaging Type                 | Embossed Tape on Reel |
| PCB Locator                    | No                    |
| PCB Retention                  | Yes                   |

|                               |                     |
|-------------------------------|---------------------|
| Pitch - Mating Interface      | 1.50mm              |
| Pitch - Termination Interface | 1.50mm              |
| Polarized to Mating Part      | Yes                 |
| Polarized to PCB              | No                  |
| Robotic Placement             | Vacuum Pick-Up Tape |
| Stackable                     | No                  |
| Temperature Range - Operating | -40° to +105°C      |
| Termination Interface Style   | Surface Mount       |

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