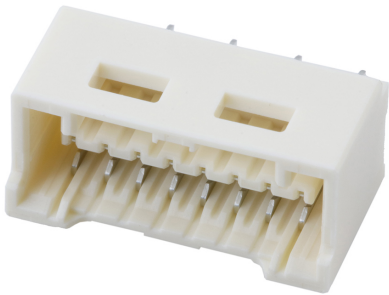




**Part Number :** [5031590800](#)  
**Product Description :** 1.50mm Pitch, CLIK-Mate PCB Receptacle, Single Row, Through Hole, Vertical, Tin Plating, Positive Lock, with Peg, 8 Circuits, Natural  
**Series Number :** 503159  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents & Resources

**Drawings**  
[5031590800\\_sd.pdf](#)

**3D Models and Design Files**  
[5031590800.dxf](#)  
[5031590800.pdf](#)  
[5031590800\\_stp.zip](#)

**Specifications**  
[AS-502578-001-001.pdf](#)  
[SPK-503159-001-001.pdf](#)  
[5025780002-PS-000.pdf](#)  
[5025781002-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(2024)6225-DC (07 Nov 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         | 503159                                                                                                                                |
| Description    | 1.50mm Pitch, CLIK-Mate PCB Receptacle, Single Row, Through Hole, Vertical, Tin Plating, Positive Lock, with Peg, 8 Circuits, Natural |
| Application    | Signal, Wire-to-Board                                                                                                                 |
| Component Type | PCB Receptacle                                                                                                                        |
| Product Name   | CLIK-Mate                                                                                                                             |
| UPC            | 883906077648                                                                                                                          |

### Agency

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

### Electrical

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

### Physical

|                                |       |
|--------------------------------|-------|
| Circuits (Loaded)              | 8     |
| Circuits (maximum)             | 8     |
| Color - Resin                  | Beige |
| Durability (mating cycles max) | 30    |
| Glow-Wire Capable              | No    |

|                                |                |
|--------------------------------|----------------|
| Guide to Mating Part           | No             |
| Keying to Mating Part          | None           |
| Lock to Mating Part            | Yes            |
| Material - Metal               | Copper Alloy   |
| Material - Plating Mating      | Tin            |
| Material - Plating Termination | Tin            |
| Net Weight                     | 681.601/mg     |
| Number of Rows                 | 1              |
| Orientation                    | Vertical       |
| Packaging Type                 | Tray           |
| PCB Locator                    | Yes            |
| PCB Retention                  | Yes            |
| 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> |
| 1.50mm Pitch CLIK-Mate-to-CLIK-Mate Off-the-Shelf (OTS) Cable Assemblies | <u>15135</u>  |