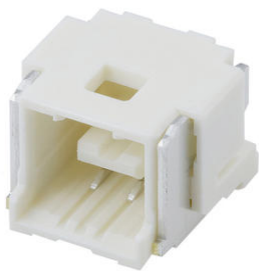




**Part Number :** [5025850270](#)  
**Product Description :** 1.50mm Pitch, CLIK-Mate PCB  
Receptacle, Single Row, Surface Mount, Right-Angle,  
Tin Plating, Positive Lock, 2 Circuits, Natural  
**Series Number :** 502585  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents & Resources

### Drawings

- [5025850270\\_sd.pdf](#)
- [3D Models and Design Files](#)
- [5025850270.dxf](#)
- [5025850270\\_stp.zip](#)

### Specifications

- [AS-502578-001-001.pdf](#)
- [SPK-502585-001-001.pdf](#)
- [5025780000-PS-000.pdf](#)
- [5025781000-PS-CHI-000.pdf](#)
- [5025781000-PS-JAP-000.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                           |
|--------------------|-----------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44; 33; 34                                                                       |
| China RoHS         |  per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                              |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21                                                                        |
| REACH SVHC         | Not Contained per D(2024)7663-DC (21 Jan 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

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## Part Details

### General

|                |                                                                                                                                 |
|----------------|---------------------------------------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                                                          |
| Category       | PCB Headers and Receptacles                                                                                                     |
| Series         | 502585                                                                                                                          |
| Description    | 1.50mm Pitch, CLIK-Mate PCB Receptacle, Single Row, Surface Mount, Right-Angle, Tin Plating, Positive Lock, 2 Circuits, Natural |
| Application    | Signal, Wire-to-Board                                                                                                           |
| Component Type | PCB Receptacle                                                                                                                  |
| Product Name   | CLIK-Mate                                                                                                                       |
| UPC            | 800756644585                                                                                                                    |

### Agency

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

### Electrical

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

### Physical

|                                |                       |
|--------------------------------|-----------------------|
| Circuits (Loaded)              | 2                     |
| Circuits (maximum)             | 2                     |
| Color - Resin                  | Beige                 |
| Durability (mating cycles max) | 30                    |
| Flammability                   | SC-0                  |
| Glow-Wire Capable              | No                    |
| Guide to Mating Part           | Yes                   |
| Keying to Mating Part          | None                  |
| Lock to Mating Part            | Yes                   |
| Mated Height                   | 6.40mm                |
| Material - Metal               | Copper Alloy          |
| Material - Plating Mating      | Tin                   |
| Material - Plating Termination | Tin                   |
| Net Weight                     | 393.000/mg            |
| Number of Rows                 | 1                     |
| Orientation                    | Right Angle           |
| Packaging Type                 | Embossed Tape on Reel |
| PCB Locator                    | No                    |
| PCB Retention                  | Yes                   |
| Pitch - Mating Interface       | 1.50mm                |
| Pitch - Termination Interface  | 1.50mm                |
| Plating min - Termination      | 1.000µm               |
| Polarized to Mating Part       | Yes                   |
| Polarized to PCB               | No                    |
| Stackable                      | No                    |
| Temperature Range - Operating  | -40° to +105°C        |
| Termination Interface Style    | Surface Mount         |

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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-                 | <u>15135</u>  |

|                                              |  |
|----------------------------------------------|--|
| Mate Off-the-Shelf (OTS) Cable<br>Assemblies |  |
|----------------------------------------------|--|

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