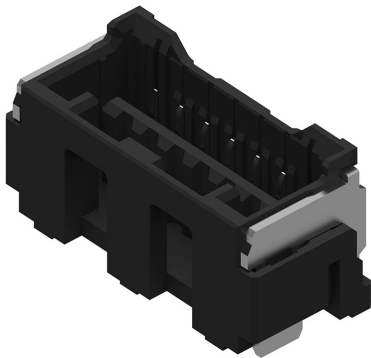




**Part Number :** [5025840661](#)  
**Product Description :** 1.50mm Pitch, CLIK-Mate PCB Receptacle, Single Row, Surface Mount, Vertical, Tin Plating, Positive Lock, with Pick-and-Place Polyimide Tape, 6 Circuits, Black  
**Series Number :** 502584  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



Documents & Resources

**Drawings**  
[5025840661\\_sd.pdf](#)

**3D Models and Design Files**  
[5025840661.dxf](#)  
[5025840661.pdf](#)  
[5025840661\\_stp.zip](#)

**Specifications**  
[AS-502578-001-001.pdf](#)  
[SPK-502584-001-001.pdf](#)  
[5025780000-PS-000.pdf](#)  
[5025781000-PS-000.pdf](#)

Product Environment Compliance

Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44; 34; 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)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

---

## Part Details

### General

|                |                                                                                                                                                                |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                                                                                         |
| 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, 6 Circuits, Black |
| Application    | Signal, Wire-to-Board                                                                                                                                          |
| Component Type | PCB Receptacle                                                                                                                                                 |
| Product Name   | CLIK-Mate                                                                                                                                                      |
| UPC            | 883906293000                                                                                                                                                   |

### Agency

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

### Electrical

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

### Physical

|                    |       |
|--------------------|-------|
| Circuits (Loaded)  | 6     |
| Circuits (maximum) | 6     |
| Color - Resin      | Black |

|                                |                       |
|--------------------------------|-----------------------|
| 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                     | 574.601/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         |

---

## 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>  |