



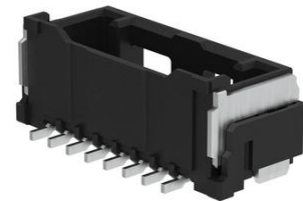
**Part Number :** [5025840861](#)

**Product Description :** 1.50mm Pitch, CLIK-Mate PCB Receptacle, Single Row, Surface Mount, Vertical, Tin Plating, Positive Lock, with Pick-and-Place Polyimide Tape, 8 Circuits, Black

**Series Number :** 502584

**Status :** Active

**Product Category :** PCB Headers and Receptacles



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## Documents and Resources

### Drawings

[5025840861\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

[5025840861.dxf](#)

### Specifications

[AS-502578-001-001.pdf](#)

[SPK-502584-001-001.pdf](#)

[5025780000-PS-000.pdf](#)

[5025781000-PS-000.pdf](#)

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## Product Environment Compliance

### Compliance

|                    |                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44; 34; 33                                                                     |
| 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(2025)7771-DC (04 Feb 2026) |
| 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         | 502584                                                                                                                                                         |
| Description    | 1.50mm Pitch, CLIK-Mate PCB Receptacle, Single Row, Surface Mount, Vertical, Tin Plating, Positive Lock, with Pick-and-Place Polyimide Tape, 8 Circuits, Black |
| Application    | Signal, Wire-to-Board                                                                                                                                          |
| Component Type | PCB Receptacle                                                                                                                                                 |
| Product Name   | CLIK-Mate                                                                                                                                                      |
| UPC            | 800756720760                                                                                                                                                   |

**Agency**

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

**Electrical**

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

## Physical

|                                |                       |
|--------------------------------|-----------------------|
| Circuits (Loaded)              | 8                     |
| Circuits (maximum)             | 8                     |
| Color - Resin                  | Black                 |
| Durability (mating cycles max) | 30                    |
| First Mate / Last Break        | No                    |
| 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                   |
| Material - Plating Termination | Tin                   |
| Net Weight                     | 666.601/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                |
| Plating min - Termination      | 1.000µm               |
| 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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## 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>  |

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