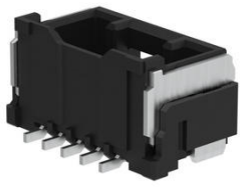
**Part Number :** 5025840561
**Product Description :** 1.50mm Pitch, CLIK-Mate PCB Receptacle, Single Row, Surface Mount, Vertical, Tin Plating, Positive Lock, with Pick-and-Place Polyimide Tape, 5 Circuits, Black
**Series Number :** 502584
**Status :** Active
**Product Category :** PCB Headers and Receptacles



## Documents & Resources

### Drawings

5025840561_sd.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

5025840561.dxf

### 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 | 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)4165-DC (25 June 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 | 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, Black |
| Application | Signal, Wire-to-Board |
| Component Type | PCB Receptacle |
| Product Name | CLIK-Mate |
| UPC | 883906292997 |

### Agency

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

### Electrical

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

**Physical**

| | |
|---|---|
| Circuits (Loaded) | 5 |
| Circuits (maximum) | 5 |
| 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 | 557.601/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 | 502578 |
| 1.50mm Pitch CLIK-Mate-to-CLIK-Mate Off-the-Shelf (OTS) Cable Assemblies | 15135 |