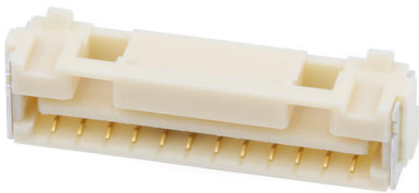




**Part Number :** [5023821271](#)  
**Product Description :** 1.25mm Pitch CLIK-Mate  
Wire-to-Board PCB Receptacle, Single Row, Vertical,  
Gold Plating, 12 Circuits  
**Series Number :** 502382  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents and Resources

### Drawings

[5023821271\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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

### Specifications

[SPK-502382-001-001.pdf](#)

[PS-502382-002-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                            |
| 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         | 502382                                                                                               |
| Description    | 1.25mm Pitch CLIK-Mate Wire-to-Board PCB Receptacle, Single Row, Vertical, Gold Plating, 12 Circuits |
| Application    | Signal, Wire-to-Board                                                                                |
| Component Type | PCB Receptacle                                                                                       |
| Product Name   | CLIK-Mate                                                                                            |
| UPC            | 800756916354                                                                                         |

### Agency

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

### Electrical

|                               |                 |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 1.0A            |
| Voltage - Maximum             | 50V AC (RMS)/DC |

### Physical

|                   |    |
|-------------------|----|
| Circuits (Loaded) | 12 |
|-------------------|----|

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (maximum)             | 12                             |
| Color - Resin                  | Natural                        |
| Durability (mating cycles max) | 30                             |
| First Mate / Last Break        | No                             |
| Glow-Wire Capable              | No                             |
| Guide to Mating Part           | Yes                            |
| Keying to Mating Part          | Yes                            |
| Lock to Mating Part            | Yes                            |
| Mated Height                   | 7.80mm                         |
| Material - Metal               | Copper Alloy                   |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Gold                           |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 525.705/mg                     |
| Number of Rows                 | 1                              |
| Orientation                    | Vertical                       |
| Packaging Type                 | Embossed Tape on Reel          |
| PCB Locator                    | No                             |
| PCB Retention                  | Yes                            |
| Pitch - Mating Interface       | 1.25mm                         |
| Pitch - Termination Interface  | 1.25mm                         |
| Plating min - Mating           | 0.102µm                        |
| Plating min - Termination      | 0.102µm                        |
| 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                   |
|-------------------------------------------------|-------------------------------|
| 1.25mm Pitch CLIK-Mate Single Row Plug Housings | <u><a href="#">502380</a></u> |

