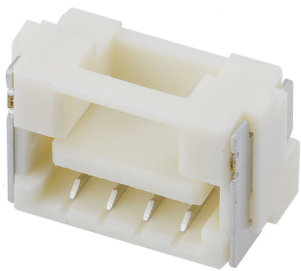




**Part Number :** [5023860470](#)  
**Product Description :** 1.25mm Pitch CLIK-Mate Wire-to-Board PCB Receptacle, Single Row, Right-Angle, Tin (Sn) Plating, 4 Circuits  
**Series Number :** 502386  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents & Resources

**Drawings**  
[Drawing 5023860470\\_sd.pdf](#)

**3D Models and Design Files**  
[3D Model 5023860470\\_stp.zip](#)

**Specifications**  
[Application Specification AS-502380-002-001.pdf](#)  
[Packaging Specification SPK-502386-001-001.pdf](#)  
[Product Specification PS-502382-001-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                          |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21                                                    |
| REACH SVHC         | Not Contained per D(2024)4144-DC (27 June 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

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### Part Details

#### General

|                |                                                                                                            |
|----------------|------------------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                                     |
| Category       | PCB Headers and Receptacles                                                                                |
| Series         | 502386                                                                                                     |
| Description    | 1.25mm Pitch CLIK-Mate Wire-to-Board PCB Receptacle, Single Row, Right-Angle, Tin (Sn) Plating, 4 Circuits |
| Application    | Signal, Wire-to-Board                                                                                      |
| Component Type | PCB Receptacle                                                                                             |
| Product Family | CLIK-Mate Wire-to-Board Connectors                                                                         |
| Product Name   | CLIK-Mate                                                                                                  |
| UPC            | 822350895699                                                                                               |

#### Agency

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

#### Electrical

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

#### Physical

|                                |         |
|--------------------------------|---------|
| Circuits (Loaded)              | 4       |
| Circuits (maximum)             | 4       |
| Color - Resin                  | Natural |
| Durability (mating cycles max) | 30      |
| Glow-Wire Capable              | No      |
| Guide to Mating Part           | Yes     |

|                                |                                |
|--------------------------------|--------------------------------|
| Keying to Mating Part          | Yes                            |
| Lock to Mating Part            | Yes                            |
| Mated Height                   | 5.55mm                         |
| Material - Metal               | Copper Alloy                   |
| Material - Plating Mating      | Tin                            |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 241.201/mg                     |
| Number of Rows                 | 1                              |
| Orientation                    | Right Angle                    |
| 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           | 1.016µm                        |
| Plating min - Termination      | 1.016µm                        |
| 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>502380</u> |
| CLIK-Mate-to-CLIK-Mate Off-the-Shelf (OTS) Cable Assemblies | <u>224091</u> |
| CLIK-Mate-to-Pigtail Off-the-Shelf (OTS) Cable Assemblies   | <u>224092</u> |

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