



**Part Number :** [5024391200](#)  
**Product Description :** CLIK-Mate Plug Housing, 2.00mm Pitch, Single Row, Positive Lock, 12 Circuits, White  
**Series Number :** 502439  
**Status :** Active  
**Product Category :** Connector Housings



## Documents & Resources

**Drawings**  
[5024391200\\_sd.pdf](#)

**3D Models and Design Files**  
[5024391200\\_stp.zip](#)

**Specifications**  
[AS-502439-001-001.pdf](#)  
[AS-502439-002-001.pdf](#)  
[5024399200-200.pdf](#)  
[5024431570-000.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)7663-DC (21 Jan 2025)                                        |
| 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     | Connector Housings                                                                  |
| Series       | 502439                                                                              |
| Description  | CLIK-Mate Plug Housing, 2.00mm Pitch, Single Row, Positive Lock, 12 Circuits, White |
| Application  | Signal, Wire-to-Board                                                               |
| Comments     | See Product Specification for maximum current rating by circuit size and wire AWG   |
| Product Name | CLIK-Mate                                                                           |
| UPC          | 822350915908                                                                        |

#### Agency

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

#### Physical

|                       |            |
|-----------------------|------------|
| Breakaway             | No         |
| Circuits (maximum)    | 12         |
| Color - Resin         | White      |
| Gender                | Plug       |
| Glow-Wire Capable     | No         |
| Keying to Mating Part | Yes        |
| Lock to Mating Part   | Yes        |
| Material - Resin      | PBT        |
| Net Weight            | 816.000/mg |
| Number of Rows        | 1          |
| Packaging Type        | Bag        |

|                               |                |
|-------------------------------|----------------|
| Panel Mount                   | No             |
| Pitch - Mating Interface      | 2.00mm         |
| Polarized to Mating Part      | Yes            |
| Stackable                     | No             |
| Temperature Range - Operating | -40° to +105°C |

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## Mates With / Use With

### Mates with Part(s)

| Description                                                   | Part Number   |
|---------------------------------------------------------------|---------------|
| 2.00mm Pitch CLIK-Mate Vertical Single Row PCB Receptacles    | <u>502443</u> |
| 2.00mm Pitch CLIK-Mate Right-Angle Single Row PCB Receptacles | <u>502494</u> |

### Use with Part(s)

| Description                                                                                                       | Part Number      |
|-------------------------------------------------------------------------------------------------------------------|------------------|
| Pre-Crimped Lead CLIK-Mate 2.00mm Male-to-CLIK-Mate 2.00mm Male, Tin (Sn) Plating, 150.00mm Length, 24 AWG, Black | <u>797581014</u> |
| Pre-Crimped Lead CLIK-Mate 2.00mm Male-to-CLIK-Mate 2.00mm Male, Tin (Sn) Plating, 300.00mm Length, 24 AWG, Black | <u>797581015</u> |
| 2.00mm Pitch CLIK-Mate Male Crimp Terminals                                                                       | <u>502438</u>    |