



**Part Number :** [5025780701](#)  
**Product Description :** CLIK-Mate Plug Housing,  
1.50mm Pitch, Single Row, Positive Lock, 7  
Circuits, Black  
**Series Number :** 502578  
**Status :** Active  
**Product Category :** Connector Housings



## Documents & Resources

**Drawings**  
[5025780701\\_sd.pdf](#)

**3D Models and Design Files**  
[5025780701.dxf](#)  
[5025780701.pdf](#)  
[5025780701\\_stp.zip](#)

**Specifications**  
[AS-502578-001-001.pdf](#)  
[AS-503395-001-001.pdf](#)  
[SPK-502578-001-001.pdf](#)  
[5025780000-PS-000.pdf](#)  
[5025780001-PS-000.pdf](#)  
[5025780002-PS-000.pdf](#)  
[5025780003-PS-000.pdf](#)  
[5025781000-PS-000.pdf](#)  
[5025781002-PS-000.pdf](#)  
[5025781003-PS-000.pdf](#)  
[5025781004-PS-000.pdf](#)  
[5025780004-PS-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<br>(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       | 502578                                                                             |
| Description  | CLIK-Mate Plug Housing, 1.50mm Pitch, Single Row, Positive Lock, 7 Circuits, Black |
| Application  | Signal, Wire-to-Board                                                              |
| Product Name | CLIK-Mate                                                                          |
| UPC          | 800756700335                                                                       |

### Agency

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

### Physical

|                       |       |
|-----------------------|-------|
| Circuits (maximum)    | 7     |
| Color - Resin         | Black |
| Flammability          | SC-0  |
| Gender                | Plug  |
| Glow-Wire Capable     | No    |
| Keying to Mating Part | None  |

|                               |                |
|-------------------------------|----------------|
| Lock to Mating Part           | Yes            |
| Material - Resin              | PBT            |
| Net Weight                    | 365.400/mg     |
| Number of Rows                | 1              |
| Packaging Type                | Bag            |
| Panel Mount                   | No             |
| Pitch - Mating Interface      | 1.50mm         |
| Pitch - Termination Interface | 1.50mm         |
| 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   |
|----------------------------------------------------------------|---------------|
| 1.50mm Pitch CLIK-Mate Bottom Entry Single Row PCB Receptacles | <u>503395</u> |
| 1.50mm Pitch CLIK-Mate Right-Angle Single Row PCB Receptacles  | <u>213226</u> |
| 1.50mm Pitch CLIK-Mate Right-Angle Single Row PCB Receptacles  | <u>502585</u> |
| 1.50mm Pitch CLIK-Mate Right-Angle Single Row PCB Receptacles  | <u>503175</u> |
| 1.50mm Pitch CLIK-Mate Vertical Single Row PCB Receptacles     | <u>213225</u> |
| 1.50mm Pitch CLIK-Mate Vertical Single Row PCB Receptacles     | <u>502584</u> |
| 1.50mm Pitch CLIK-Mate Vertical Single Row PCB Receptacles     | <u>503159</u> |

### Use with Part(s)

| Description                                                                                                                | Part Number      |
|----------------------------------------------------------------------------------------------------------------------------|------------------|
| Pre-Crimped Lead CLIK-Mate<br>1.50mm Male-to-CLIK-Mate<br>1.50mm Male, Tin (Sn) Plating,<br>300.00mm Length, 24 AWG, Black | <u>797581011</u> |
| 1.50mm Pitch CLIK-Mate Male Crimp Terminals                                                                                | <u>502579</u>    |

|                                                       |               |
|-------------------------------------------------------|---------------|
| 1.50mm Pitch CLIK-Mate Male<br>Crimp Terminals        | <u>503429</u> |
| CLIK-Mate 1.50mm Pitch Male<br>Crimp Terminals        | <u>213028</u> |
| CLIK-Mate 1.50mm Pitch Male<br>Crimp Terminals        | <u>213029</u> |
| Pre-Crimped Lead Clik-Mate Male-<br>to-Clik-Mate Male | <u>215710</u> |
| Pre-Crimped Lead Clik-Mate Male-<br>to-Pigtail        | <u>215711</u> |

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