



**Part Number :** [5031491800](#)

**Product Description :** CLIK-Mate Plug Housing,  
1.50mm Pitch, Dual Row, Positive Lock, 18 Circuits,  
Natural

**Series Number :** 503149

**Status :** Active

**Product Category :** Connector Housings

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## Documents & Resources

### Drawings

[5031491800\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[5031491800.dxf](#)

### Specifications

[AS-503149-001-001.pdf](#)

[SPK-503149-001-001.pdf](#)

[5031490000-PS-000.pdf](#)

[5031491000-PS-000.pdf](#)

[5031491001-PS-000.pdf](#)

[5031491002-PS-000.pdf](#)

[5031491003-PS-000.pdf](#)

[PS-505406-001-001.pdf](#)

[5031490001-PS-000.pdf](#)

[5031490002-PS-000.pdf](#)

[5031491004-PS-000.pdf](#)

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## Product Environment Compliance

### Compliance

|            |              |
|------------|--------------|
| GADSL/IMDS | Not Relevant |
|------------|--------------|

|                    |                                                                                                            |
|--------------------|------------------------------------------------------------------------------------------------------------|
| China RoHS         | <br>per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                               |
| Low-Halogen Status | Not Low-Halogen per IEC<br>61249-2-21                                                                      |
| REACH SVHC         | Not Contained per D(2025)4165-DC<br>(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     | Connector Housings                                                                  |
| Series       | 503149                                                                              |
| Description  | CLIK-Mate Plug Housing, 1.50mm Pitch, Dual Row, Positive Lock, 18 Circuits, Natural |
| Application  | Signal, Wire-to-Board                                                               |
| Product Name | CLIK-Mate                                                                           |
| UPC          | 887191689463                                                                        |

**Agency**

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

## Physical

|                               |                |
|-------------------------------|----------------|
| Circuits (maximum)            | 18             |
| Color - Resin                 | Natural        |
| Flammability                  | 94HB           |
| Gender                        | Plug           |
| Glow-Wire Capable             | No             |
| Keying to Mating Part         | None           |
| Lock to Mating Part           | Yes            |
| Material - Resin              | PBT            |
| Number of Rows                | 2              |
| 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 Right-Angle Dual Row PCB Receptacles | <a href="#"><u>213228</u></a> |
| 1.50mm Pitch CLIK-Mate Right-Angle Dual Row PCB Receptacles | <a href="#"><u>503148</u></a> |
| 1.50mm Pitch CLIK-Mate Vertical Dual Row PCB Receptacles    | <a href="#"><u>213227</u></a> |
| 1.50mm Pitch CLIK-Mate Right-Angle Dual Row PCB Receptacles | <a href="#"><u>503154</u></a> |

### 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, | <a href="#"><u>797581011</u></a> |

|                                                   |               |
|---------------------------------------------------|---------------|
| 300.00mm Length, 24 AWG, Black                    |               |
| 1.50mm Pitch CLIK-Mate Male Crimp Terminals       | <u>502579</u> |
| 1.50mm Pitch CLIK-Mate Male Crimp Terminals       | <u>503429</u> |
| CLIK-Mate 1.50mm Pitch Male Crimp Terminals       | <u>213028</u> |
| CLIK-Mate 1.50mm Pitch Male Crimp Terminals       | <u>213029</u> |
| Pre-Crimped Lead Clik-Mate Male-to-Clik-Mate Male | <u>215710</u> |
| Pre-Crimped Lead Clik-Mate Male-to-Pigtail        | <u>215711</u> |