**Part Number :** 5025780801
**Product Description :** CLIK-Mate Plug Housing, 1.50mm Pitch, Single Row, Positive Lock, 8 Circuits, Black
**Series Number :** 502578
**Status :** Active
**Product Category :** Connector Housings



## Documents & Resources

### Drawings

5025780801_sd.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

5025780801.dxf

### 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 | 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)4165-DC (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 | 502578 |
| Description | CLIK-Mate Plug Housing, 1.50mm Pitch, Single Row, Positive Lock, 8 Circuits, Black |
| Application | Signal, Wire-to-Board |
| Product Name | CLIK-Mate |
| UPC | 800756700533 |

### Agency

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

### Physical

| | |
|---|---|
| Circuits (maximum) | 8 |
| 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 | 406.400/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 | 503395 |
| 1.50mm Pitch CLIK-Mate Right-Angle Single Row PCB Receptacles | 213226 |
| 1.50mm Pitch CLIK-Mate Right-Angle Single Row PCB Receptacles | 502585 |
| 1.50mm Pitch CLIK-Mate Right-Angle Single Row PCB Receptacles | 503175 |
| 1.50mm Pitch CLIK-Mate Vertical Single Row PCB Receptacles | 213225 |
| 1.50mm Pitch CLIK-Mate Vertical | 502584 |

| | |
|---|---|
| Single Row PCB Receptacles | |
| 1.50mm Pitch CLIK-Mate Vertical Single Row PCB Receptacles | 503159 |

**Use with Part(s)**

| Description | Part Number |
|---|---|
| Pre-Crimped Lead CLIK-Mate 1.50mm Male-to-CLIK-Mate 1.50mm Male, Tin (Sn) Plating, 300.00mm Length, 24 AWG, Black | 797581011 |
| 1.50mm Pitch CLIK-Mate Male Crimp Terminals | 502579 |
| 1.50mm Pitch CLIK-Mate Male Crimp Terminals | 503429 |
| CLIK-Mate 1.50mm Pitch Male Crimp Terminals | 213028 |
| CLIK-Mate 1.50mm Pitch Male Crimp Terminals | 213029 |
| Pre-Crimped Lead Clik-Mate Male-to-Clik-Mate Male | 215710 |
| Pre-Crimped Lead Clik-Mate Male-to-Pigtail | 215711 |