



**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**  
[Drawing 5025780801\\_sd.pdf](#)

**3D Models and Design Files**  
[2D Drawing DXF 5025780801.dxf](#)  
[2D Drawing DXF \(PDF\) 5025780801.pdf](#)  
[3D Model 5025780801\\_stp.zip](#)

**Specifications**  
[Application Specification AS-502578-001-001.pdf](#)  
[Application Specification AS-503395-001-001.pdf](#)  
[Packaging Specification SPK-502578-001-001.pdf](#)  
[Product Specification 5025780000-PS-000.pdf](#)  
[Product Specification 5025780001-PS-000.pdf](#)  
[Product Specification 5025780002-PS-000.pdf](#)  
[Product Specification 5025780003-PS-000.pdf](#)  
[Product Specification 5025781000-PS-000.pdf](#)  
[Product Specification 5025781002-PS-000.pdf](#)  
[Product Specification 5025781003-PS-000.pdf](#)  
[Product Specification 5025781004-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)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

---

### 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 Family	CLIK-Mate Wire-to-Board Connectors
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

---

## 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 1.50mm Male-to-CLIK-Mate 1.50mm Male, Tin (Sn) Plating, 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 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>

---

This document was generated on Sep 20, 2024