



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

[Drawing 5025780701\\_sd.pdf](#)

### 3D Models and Design Files

[2D Drawing DXF 5025780701.dxf](#)

[2D Drawing DXF \(PDF\) 5025780701.pdf](#)

[3D Model 5025780701\\_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, 7 Circuits, Black
Application	Signal, Wire-to-Board
Product Family	CLIK-Mate Wire-to-Board Connectors
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

## Mates With / Use With

### Mates with Part(s)

Description	Part Number
1.50mm Pitch CLIK-Mate Bottom Entry Single Row PCB Receptacles	<u><a href="#">503395</a></u>
1.50mm Pitch CLIK-Mate Right-Angle Single Row PCB Receptacles	<u><a href="#">213226</a></u>
1.50mm Pitch CLIK-Mate Right-Angle Single Row PCB Receptacles	<u><a href="#">502585</a></u>
1.50mm Pitch CLIK-Mate Right-Angle Single Row PCB Receptacles	<u><a href="#">503175</a></u>
1.50mm Pitch CLIK-Mate Vertical Single Row PCB Receptacles	<u><a href="#">213225</a></u>
1.50mm Pitch CLIK-Mate Vertical Single Row PCB Receptacles	<u><a href="#">502584</a></u>
1.50mm Pitch CLIK-Mate Vertical Single Row PCB Receptacles	<u><a href="#">503159</a></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><a href="/content/molex/molex-dot-com/us/en/products/product-page.html/797581011.html">/content/molex/molex-dot-com/us/en/products/product-page.html/797581011.html</a></u>
1.50mm Pitch CLIK-Mate Male Crimp Terminals	<u><a href="#">502579</a></u>
1.50mm Pitch CLIK-Mate Male Crimp Terminals	<u><a href="#">503429</a></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 Jul 24, 2024