



Part Number : [5025780401](#)
Product Description : CLIK-Mate Plug Housing,
1.50mm Pitch, Single Row, Positive Lock, 4
Circuits, Black
Series Number : 502578
Status : Active
Product Category : Connector Housings



Documents & Resources

Drawings
[Drawing 5025780401_sd.pdf](#)

3D Models and Design Files
[3D Model 5025780401_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 5025781000-PS-CHI-000.pdf](#)
[Product Specification 5025781000-PS-JAP-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(2023)3788-DC (14 Jun 2023)

EU RoHS	Compliant per EU 2015/863
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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, 4 Circuits, Black
Application	Signal, Wire-to-Board
Product Family	CLIK-Mate Wire-to-Board Connectors
Product Name	CLIK-Mate
UPC	800756700038

Agency

UL	E29179
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Physical

Circuits (maximum)	4
Color - Resin	Black
Gender	Plug
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes

Material - Resin	PBT
Net Weight	259.800/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>/content/molex/molex-dot-com/us/en/products/product-page.html/797581011.html</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>

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