



Part Number : 5025781400

Series Number : 502578

Product Category : Connector Housings

Product Description : CLIK-Mate Plug Housing,  
1.50mm Pitch, Single Row, Positive Lock, 14  
Circuits, Natural

Status : Active

Documents & Resources


Drawings  
Drawing 5025781400\_sd.pdf

3D Models and Design Files  
3D Model 5025781400\_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(2023)8585-DC (23 Jan 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

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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, 14 Circuits, Natural
Application	Signal, Wire-to-Board
Product Family	CLIK-Mate Wire-to-Board Connectors
Product Name	CLIK-Mate
UPC	800756701127

### Agency

UL	E29179
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### Physical

Circuits (maximum)	14
Color - Resin	Natural
Flammability	SC-0
Gender	Plug
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	PBT

Net Weight	583.200/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	<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><a href="#">213028</a></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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