Part Number : 5025781001
Product Description : CLIK-Mate Plug Housing, 1.50mm Pitch, Single Row, Positive Lock, 10 Circuits, Black
Series Number : 502578
Status : Active
Product Category : Connector Housings



Documents & Resources

Drawings

5025781001_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

5025781001.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

Part Details

General

Status	Active
Category	Connector Housings
Series	502578
Description	CLIK-Mate Plug Housing, 1.50mm Pitch, Single Row, Positive Lock, 10 Circuits, Black
Application	Signal, Wire-to-Board
Product Name	CLIK-Mate
UPC	800756700731

Agency

UL	E29179

Physical

Circuits (maximum)	10
Color - Resin	Black
Gender	Plug
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	PBT
Net Weight	474.500/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	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 Single Row PCB Receptacles	502584

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