Part Number : 5031591201
Product Description : 1.50mm Pitch, CLIK-Mate PCB Receptacle, Single Row, Through Hole, Vertical, Tin Plating, Positive Lock, with Peg, 12 Circuits, Black
Series Number : 503159
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

5031591201_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

5031591201.dxf

Specifications

AS-502578-001-001.pdf

SPK-503159-001-001.pdf

5025780002-PS-000.pdf

5025781002-PS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
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	PCB Headers and Receptacles
Series	503159
Description	1.50mm Pitch, CLIK-Mate PCB Receptacle, Single Row, Through Hole, Vertical, Tin Plating, Positive Lock, with Peg, 12 Circuits, Black
Application	Signal, Wire-to-Board
Component Type	PCB Receptacle
Product Name	CLIK-Mate
UPC	883906077822

Electrical

Current - Maximum per Contact	2.0A
Voltage - Maximum	100V

Physical

Circuits (Loaded)	12

Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	991.401/mg
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
Pitch - Mating Interface	1.50mm
Pitch - Termination Interface	1.50mm
Plating min - Termination	1.000µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number
1.50mm Pitch CLIK-Mate Single Row Plug Housings	502578