



Part Number : [5025851271](#)

Product Description : 1.50mm Pitch, CLIK-Mate PCB Receptacle, Single Row, Surface Mount, Right-Angle, Tin Plating, Positive Lock, 12 Circuits, Black

Series Number : 502585

Status : Active

Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

[5025851271_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

[5025851271.dxf](#)

Specifications


[AS-502578-001-001.pdf](#)

[SPK-502585-001-001.pdf](#)

[5025780000-PS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 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)6375-DC (05 Nov 2025)

	SCIP:16713a46-6685-4668-b435-a828d2027c63
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	502585
Description	1.50mm Pitch, CLIK-Mate PCB Receptacle, Single Row, Surface Mount, Right-Angle, Tin Plating, Positive Lock, 12 Circuits, Black
Application	Signal, Wire-to-Board
Component Type	PCB Receptacle
Product Name	CLIK-Mate
UPC	800756778068

Agency

UL	E29179
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Electrical

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

Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	SC-0
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height	6.40mm
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Net Weight	873.000/mg
Number of Rows	1
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	Yes
Pitch - Mating Interface	1.50mm
Pitch - Termination Interface	1.50mm
Polarized to Mating Part	Yes
Polarized to PCB	No
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount

Mates With / Use With

Mates with Part(s)

Description	Part Number
1.50mm Pitch CLIK-Mate Single	<u>502578</u>

Row Plug Housings	
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