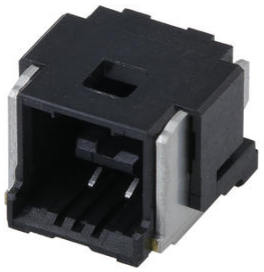
Part Number : 5025850271
Product Description : 1.50mm Pitch, CLIK-Mate PCB Receptacle, Single Row, Surface Mount, Right-Angle, Tin Plating, Positive Lock, 2 Circuits, Black
Series Number : 502585
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

5025850271_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

5025850271.dxf

Specifications

AS-502578-001-001.pdf

SPK-502585-001-001.pdf

5025780000-PS-000.pdf

5025781000-PS-CHI-000.pdf

5025781000-PS-JAP-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21

REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
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, 2 Circuits, Black
Application	Wire-to-Board
Component Type	PCB Receptacle
Product Name	CLIK-Mate
UPC	800756777160

Agency

UL	E29179

Electrical

Current - Maximum per Contact	2.0A

Voltage - Maximum	100V

Physical

Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	No
Lock to Mating Part	Yes
Mated Height	6.40mm
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Net Weight	393.000/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 Row Plug Housings	502578

1.50mm Pitch CLIK-Mate-to-CLIK-Mate Off-the-Shelf (OTS) Cable Assemblies	15135