



Part Number : 5025850970

Series Number : 502585

Product Category : PCB Headers and Receptacles

Product Description : 1.50mm Pitch, CLIK-Mate PCB Receptacle, Single Row, Surface Mount, Right-Angle, Tin Plating, Positive Lock, 9 Circuits, Natural

Status : Active

Documents & Resources

Drawings

Drawing 5025850970\_sd.pdf

3D Models and Design Files

3D Model 5025850970\_stp.zip

Specifications


Application Specification AS-502578-001-001.pdf

Packaging Specification SPK-502585-001-001.pdf

Product Specification 5025780000-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

---

### 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, 9 Circuits, Natural
Application	Signal, Wire-to-Board
Component Type	PCB Receptacle
Product Family	CLIK-Mate Wire-to-Board Connectors
Product Name	CLIK-Mate
UPC	800756644653

#### Agency

UL	E29179
----	--------

#### Electrical

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

#### Physical

Circuits (Loaded)	9
Circuits (maximum)	9
Color - Resin	Beige
Durability (mating cycles max)	30
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	705.000/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	<u>502578</u>