



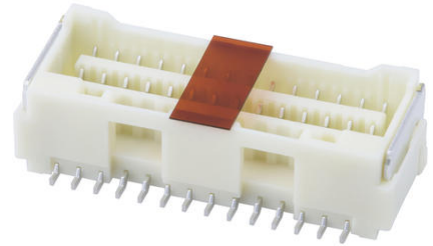
Part Number : [5031542890](#)

Product Description : 1.50mm Pitch, CLIK-Mate PCB Receptacle, Dual Row, Surface Mount, Vertical, Tin Plating, Positive Lock, 28 Circuits, Natural

Series Number : 503154

Status : Active

Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

[5031542890_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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

[5031542890.dxf](#)

Specifications

[AS-503149-001-001.pdf](#)


[SPK-503154-001-001.pdf](#)

[5031490000-PS-000.pdf](#)

[5031491000-PS-000.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Compliant with Exemption 44; 33; 34 |
| 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 | 503154 |
| Description | 1.50mm Pitch, CLIK-Mate PCB Receptacle, Dual Row, Surface Mount, Vertical, Tin Plating, Positive Lock, 28 Circuits, Natural |
| Application | Signal, Wire-to-Board |
| Component Type | PCB Receptacle |
| Product Name | CLIK-Mate |
| UPC | 883906426767 |

Agency

| | |
|----|--------|
| UL | E29179 |
|----|--------|

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 2.0A |
|-------------------------------|------|

| | |
|-------------------|------|
| Voltage - Maximum | 100V |
|-------------------|------|

Physical

| | |
|--------------------------------|-----------------------|
| Circuits (Loaded) | 28 |
| Circuits (maximum) | 28 |
| Color - Resin | Natural |
| Durability (mating cycles max) | 30 |
| First Mate / Last Break | No |
| Glow-Wire Capable | No |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Mated Height | 11.20mm |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Polyamide |
| Net Weight | 2248.890/mg |
| Number of Rows | 2 |
| Orientation | Vertical |
| Packaging Type | Embossed Tape on Reel |
| PCB Locator | No |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.20mm, 1.70mm |
| 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 Dual Row Plug Housings | <u>503149</u> |
|--|---------------|

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