



Part Number : [5040511001](#)

Product Description : 1.50mm Pitch, Pico-Lock Receptacle Crimp Housing, Single Row, Positive Lock, 10 Circuits, Black

Series Number : 504051

Status : Active

Product Category : Connector Housings



Documents and Resources

Drawings

[5040511001_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[5040511001.dxf](#)

Specifications

[AS-504051-001-001.pdf](#)

[SPK-504051-001-001.pdf](#)


[5040510000-PS-000.pdf](#)

[5040511001-PS-000.pdf](#)

[PS-504051-001-001.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Not Relevant |
| China RoHS |  per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)6375-DC (05 Nov 2025) SCIP:839cff45-ca12-46b2-afb8-5f7ff208562e |

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 ComplianceAdditional Product Compliance Information**Part Details****General**

| | |
|--------------|---|
| Status | Active |
| Category | Connector Housings |
| Series | 504051 |
| Description | 1.50mm Pitch, Pico-Lock Receptacle Crimp Housing, Single Row, Positive Lock, 10 Circuits, Black |
| Application | Signal, Wire-to-Board |
| Comments | See Molex product specification PS-504051-001 for additional current de-rating information |
| Product Name | Pico-Lock |
| UPC | 884982939929 |

Agency

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

Physical

| | |
|-------------------------------|--------------------------------|
| Circuits (maximum) | 10 |
| Color - Resin | Black |
| Flammability | 94V-0 |
| Gender | Receptacle |
| Glow-Wire Capable | No |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 109.000/mg |
| Number of Rows | 1 |
| Packaging Type | Bag |
| Panel Mount | No |
| Pitch - Mating Interface | 1.50mm |
| Polarized to Mating Part | Yes |
| Stackable | No |
| Temperature Range - Operating | -40° to +105°C |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|---|---------------|
| 1.50mm Pitch Pico-Lock Right-Angle Single Row Headers | <u>504050</u> |

Use with Part(s)

| Description | Part Number |
|---|---------------|
| 1.50mm Pitch Pico-Lock Female Crimp Terminals | <u>504052</u> |

This document was generated on Dec 16, 2025