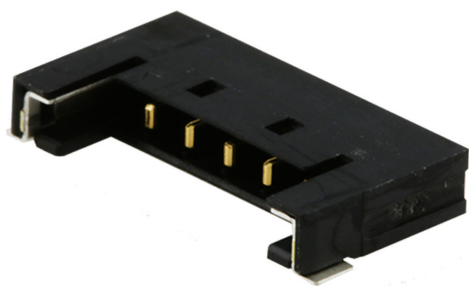




**Part Number :** [5040500791](#)  
**Product Description :** 1.50mm Pitch, Pico-Lock PCB Header, Single Row, Right-Angle, Surface Mount, Gold (Au) Plating, Positive Lock, 7 Circuits, Tape and Reel  
**Series Number :** 504050  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



Documents & Resources


**Drawings**  
[5040500791\\_sd.pdf](#)

**3D Models and Design Files**  
[5040500791.dxf](#)  
[5040500791.pdf](#)  
[5040500791\\_stp.zip](#)

**Specifications**  
[AS-504051-001-001.pdf](#)  
[SPK-504050-001-001.pdf](#)  
[5040511001-PS-000.pdf](#)  
[PS-504051-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33; 34
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
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	504050
Description	1.50mm Pitch, Pico-Lock PCB Header, Single Row, Right-Angle, Surface Mount, Gold (Au) Plating, Positive Lock, 7 Circuits, Tape and Reel
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	Pico-Lock
UPC	884982939851

### Agency

CSA	LR19980
UL	E29179

### Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	150V AC (RMS)/DC

### Physical

Breakaway	No
Circuits (Loaded)	7
Circuits (maximum)	7

Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	N/A
Lock to Mating Part	Yes
Mated Height	2.00mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	176.580/mg
Number of Rows	1
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.50mm
Pitch - Termination Interface	1.50mm
Plating min - Mating	0.100µm
Polarized to Mating Part	Yes
Shrouded	Yes
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, Pico-Lock Single Row Receptacle Housings	<u>504051</u>
Pico-Lock-to-Pico-Lock Off-the-Shelf (OTS) Cable Assemblies	<u>15132</u>

---



---

This document was generated on Mar 21, 2025