



Part Number : [2147210180](#)

Product Description : Zero-Hachi Header, 0.80mm Pitch, Single Row, Right-Angle, Surface Mount, Matte Tin (Sn) Plating, Friction Lock, 18 Circuits, Tape and Reel

Series Number : 214721

Status : Active

Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

[2147210180 sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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

[2147210180.dxf](#)


Specifications

[2147219200-SPK-200.pdf](#)

[2147190000-PS-000.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Compliant with Exemption 44; 33 |
| 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)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 | 214721 |
| Description | Zero-Hachi Header, 0.80mm Pitch, Single Row, Right-Angle, Surface Mount, Matte Tin (Sn) Plating, Friction Lock, 18 Circuits, Tape and Reel |
| Application | Wire-to-Board |
| Component Type | PCB Header |
| Product Name | Zero-Hachi |
| UPC | 195842348721 |

Agency

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

Electrical

| | |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 2.5A |
| Voltage - Maximum | 30V AC (RMS)/DC |

Physical

| | |
|--------------------------------|------------------------------|
| Breakaway | No |
| Circuits (Loaded) | 18 |
| Circuits (maximum) | 18 |
| Color - Resin | Black |
| Durability (mating cycles max) | 20 |
| First Mate / Last Break | No |
| Glow-Wire Capable | No |
| Guide to Mating Part | No |
| Keying to Mating Part | No |
| Lock to Mating Part | Yes |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Liquid Crystal Polymer (LCP) |
| Mounting Style | Surface Mount |
| Net Weight | 97.450/mg |
| Number of Rows | 1 |
| Orientation | Right Angle |
| Packaging Type | Embossed Tape on Reel |
| PCB Locator | No |
| PCB Retention | Yes |
| Pitch - Mating Interface | 0.80mm |
| Pitch - Termination Interface | 0.80mm |
| Plating min - Mating | 1.000µm |
| Plating min - Termination | 1.000µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Robotic Placement | Vacuum Pick-Up Area |
| Shrouded | Shrouded |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface Style | Surface Mount |
| Unmated Height | 1.60mm |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|---|---------------|
| Zero-Hachi Single Row Receptacle Housings | <u>214719</u> |

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