



Part Number : [2147210181](#)
Product Description : Zero-Hachi Header, 0.80mm Pitch, Single Row, Right-Angle, Surface Mount, Gold (Au) Plating, Friction Lock, 18 Circuits, Tape and Reel
Series Number : 214721
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

[2147210181_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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

[2147210181.dxf](#)

Specifications

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

[2147190000-PS-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	 per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)6375-DC (05 Nov 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	214721
Description	Zero-Hachi Header, 0.80mm Pitch, Single Row, Right-Angle, Surface Mount, Gold (Au) Plating, Friction Lock, 18 Circuits, Tape and Reel
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	Zero-Hachi
UPC	196823391194

Agency

UL	E29179
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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	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	97.990/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	0.100µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Robotic Placement	Vacuum Pick-Up Area
Shrouded	Yes
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
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Zero-Hachi Single Row Receptacle Housings	<u>214719</u>
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