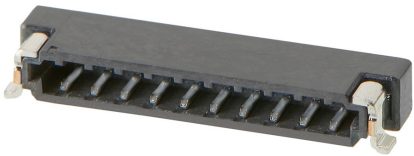




Part Number : [2147210100](#)
Product Description : Zero-Hachi Header,
0.80mm Pitch, Single Row, Right-Angle,
Surface Mount, Matte Tin (Sn) Plating, Friction
Lock, 10 Circuits, Tape and Reel
Series Number : 214721
Status : Active
Product Category : PCB Headers and
Receptacles



Documents & Resources

Drawings
[2147210100_sd.pdf](#)

3D Models and Design Files
[2147210100.dxf](#)
[2147210100.pdf](#)
[2147210100_stp.zip](#)

Specifications
[2147219200-SPK-200.pdf](#)
[2147190000-PS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 2024)
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	214721
Description	Zero-Hachi Header, 0.80mm Pitch, Single Row, Right-Angle, Surface Mount, Matte Tin (Sn) Plating, Friction Lock, 10 Circuits, Tape and Reel
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	Zero-Hachi
UPC	195842348646

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)	10
Circuits (maximum)	10
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	Matte Tin
Material - Plating Termination	Matte Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	61.510/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
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
Zero-Hachi Single Row Receptacle Housings	<u>214719</u>

This document was generated on Mar 08, 2025