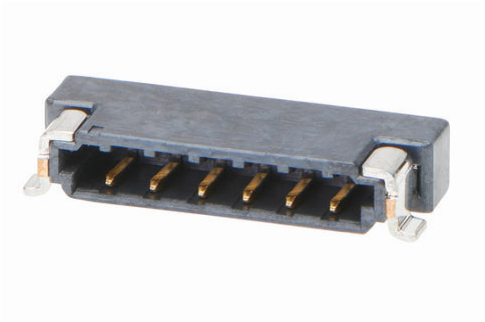
Part Number : 2147210081
Product Description : Zero-Hachi Header, 0.80mm Pitch, Single Row, Right-Angle, Surface Mount, Gold (Au) Plating, Friction Lock, 8 Circuits, Tape and Reel
Series Number : 214721
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

2147210081_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

2147210081.dxf

Specifications

2147219200-SPK-200.pdf

2147190000-PS-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
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)4165-DC (25 June 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, 8 Circuits, Tape and Reel
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	Zero-Hachi
UPC	196823391095

Agency

UL	E29179

Electrical

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

Physical

Breakaway	No

Circuits (Loaded)	8
Circuits (maximum)	8
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	52.760/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	214719

Housings	