Part Number : 2147210101

Product Description : Zero-Hachi Header, 0.80mm Pitch, Single Row, Right-Angle, Surface Mount, Gold (Au) Plating, Friction Lock, 10 Circuits, Tape and Reel

Series Number : 214721

Status : Active

Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings

Drawing 2147210101_sd.pdf

3D Models and Design Files

2D Drawing DXF 2147210101.dxf

2D Drawing DXF (PDF) 2147210101.pdf

3D Model 2147210101_stp.zip

Specifications

Packaging Specification 2147219200-SPK-200.pdf

Product Specification 2147190000-PS-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 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, Gold (Au) Plating, Friction Lock, 10 Circuits, Tape and Reel
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	Zero-Hachi Connector System
Product Name	Zero-Hachi
UPC	196823391118

Agency

UL	E29179

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	Gold
Material - Plating Termination	Matte Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	61.810/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 +85°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	214719