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**Part Number:** [2147210160](#)  
**Status:** **Active**  
**Overview:** [Zero-Hachi Connector System](#)  
**Description:** Zero-Hachi Header, 0.80mm Pitch, Single Row, Right-Angle, Surface Mount, Matte Tin (Sn) Plating, Friction Lock, 16 Circuits, Tape and Reel

**Documents:**

[Drawing \(PDF\)](#) [Datasheet \(PDF\)](#)  
[Product Specification 2147190000-PS-000 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification 2147219200-SPK-200 \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	<a href="#">214721</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">Zero-Hachi Connector System</a>
Product Name	Zero-Hachi
UPC	195842348707

**Physical**

Breakaway	No
Circuits (Loaded)	16
Circuits (maximum)	16
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	149.500/mg
Number of Rows	1
Orientation	Right Angle
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
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
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +85°C
Termination Interface: Style	Surface Mount
Unmated Height	1.60mm

**Electrical**

Current - Maximum per Contact	1.0A
Voltage - Maximum	30V AC (RMS)/DC

**Material Info**



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)10043-DC (17  
Jan 2022)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[214721 Series](#)

**Mates With**

Zero-Hachi Receptacle Housing [214719](#)

**Reference - Drawing Numbers**

Packaging Specification

Product Specification

Sales Drawing

2147219200-SPK-200

2147190000-PS-000

2147210000-SD-000

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