



**Part Number :** [2125201004](#)  
**Product Description :** Mini-Fit Max Vertical Header,  
Dual Row, Through Hole, 4 Circuits, Tin (Sn) Plating,  
Black, Glow-Wire Capable  
**Series Number :** 212520  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents & Resources

### Drawings

[2125201004\\_sd.pdf](#)  
[2125200001-PK-000.pdf](#)

### 3D Models and Design Files


[STEP AP242](#)  
[SOLIDWORKS](#)  
[Creo](#)  
[Symbol and Footprint \(Multi-Format\)](#)

### Specifications

[1722990000-AS-000.pdf](#)  
[2125150001-AS-000.pdf](#)  
[2125150000-PS-000.pdf](#)  
[2125150000-TS-000.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
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
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#### 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	212520
Description	Mini-Fit Max Vertical Header, Dual Row, Through Hole, 4 Circuits, Tin (Sn) Plating, Black, Glow-Wire Capable
Application	Power, Wire-to-Board
Component Type	PCB Header
Product Name	Mini-Fit Max
UPC	193264595518

### Agency

UL	E29179
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### Electrical

Current - Maximum per Contact	20.0A
Voltage - Maximum	600V AC (RMS)/DC

## Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	Yes
Guide to Mating Part	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	1.780/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number

Mini-Fit Max Dual Row Receptacle Housings	<u>212514</u>
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