



Part Number : [2125201006](#)
Product Description : Mini-Fit Max Vertical Header,
Dual Row, Through Hole, 6 Circuits, Matte Tin (Sn)
Plating, Black, Glow-Wire Capable, Tray
Series Number : 212520
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

[2125201006_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	Compliant with Exemption 44; 33
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)7771-DC (04 Feb 2026)

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	212520
Description	Mini-Fit Max Vertical Header, Dual Row, Through Hole, 6 Circuits, Matte Tin (Sn) Plating, Black, Glow-Wire Capable, Tray
Application	Wire-to-Board
Component Type	PCB Header
Product Name	Mini-Fit Max
UPC	193264595525

Agency

UL	E29179
----	--------

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Gender	Male
Glow-Wire Capable	Yes
Guide to Mating Part	No
Keying to Mating Part	No
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer (LCP)
Mounting Style	Through Hole
Net Weight	2.130/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm-2.40mm
PC Tail Length	3.66mm
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Plating min - Mating	1.520µm
Plating min - Termination	1.520µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Robotic Placement	None
Shrouded	Shrouded
Stackable	No

Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

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

This document was generated on Jun 06, 2026