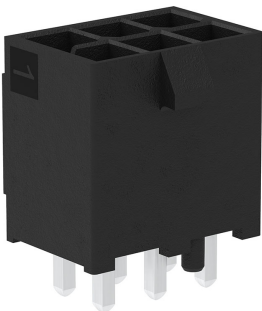




Part Number : [2125201006](#)
Product Description : Mini-Fit Max Vertical Header, Dual Row, 6 Circuits, Tin (Sn) Plating, Black, Glow-Wire Capable
Series Number : 212520
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings
[Drawing 2125201006_sd.pdf](#)
[Packaging Design Drawing 2125200001-PK-000.pdf](#)

3D Models and Design Files
[3D Model 2125201006_stp.zip](#)

Specifications
[Application Specification 1722990000-AS-000.pdf](#)
[Product Specification 2125150000-PS-000.pdf](#)
[Test Summary 2125150000-TS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 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	212520
Description	Mini-Fit Max Vertical Header, Dual Row, 6 Circuits, Tin (Sn) Plating, Black, Glow-Wire Capable
Application	Power, Wire-to-Board
Component Type	PCB Header
Product Family	Mini-Fit Family Power Connectors
Product Name	Mini-Fit Max
UPC	193264595525

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
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 - Resin	Liquid Crystal Polymer
Net Weight	2.130/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

Mates With / Use With

Mates with Part(s)

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