



Part Number : [2249001006](#)

Product Description : Mini-Fit Max Right Angle Header, Single Row, Surface Mount, 6 Circuits, Matte Tin (Sn) Plating, Black, Glow-Wire Capable, Tape and Reel

Series Number : 224900

Status : Active

Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

[2249001006 sd.pdf](#)

[2249001000-PK-000.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

[2125150001-AS-000.pdf](#)

[2125150000-PS-000.pdf](#)

[2125150000-TS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	Not Reviewed 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)6375-DC (05 Nov 2025)
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	224900
Description	Mini-Fit Max Right Angle Header, Single Row, Surface Mount, 6 Circuits, Matte Tin (Sn) Plating, Black, Glow-Wire Capable, Tape and Reel
Application	Power, Wire-to-Board
Component Type	PCB Header
Product Name	Mini-Fit Max
UPC	198282490715

Electrical

Current - Maximum per Contact	21.0A
Voltage - Maximum	600V AC (RMS)/DC

Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6

Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	No
Glow-Wire Capable	Yes
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	3.230/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
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	Fully
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mini-Fit Max Single Row Receptacle Housings	<u>215913</u>

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