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	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

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- 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	Wire-to-Board
Component Type	PCB Header
Product Name	Mini-Fit Max
UPC	198282490715

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	20.5A
Voltage - Maximum	600V AC (RMS)/DC

Physical

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Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	25
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)
Net Weight	3.230/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	No
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	Shrouded
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount

Mates With / Use With

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Mates with Part(s)

Description	Part Number
Mini-Fit Max Single Row Receptacle Housings	215913

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