



Part Number : [1726480103](#)

Product Description : Mini-Fit Jr. Header, Single Row, Right-Angle, with Snap-in Plastic Peg PCB Lock, 3 Circuits, Nylon, 94V-2, Matte Tin (Sn) Plating, Glow-Wire Capable

Series Number : 172648

Status : Active

Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

[1726480103 sd.pdf](#)

[PK-5569-005-001.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

Specifications

[55560002-AS-000.pdf](#)

[PK-5569-002-001.pdf](#)

[PS-45750-001-001.pdf](#)

[PS-5556-001-001.pdf](#)

[55560001-TS-000.pdf](#)

[TS-5556-002-001.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	Not 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

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	172648
Description	Mini-Fit Jr. Header, Single Row, Right-Angle, with Snap-in Plastic Peg PCB Lock, 3 Circuits, Nylon, 94V-2, Matte Tin (Sn) Plating, Glow-Wire Capable
Application	Power, Wire-to-Board
Component Type	PCB Header
Product Name	Mini-Fit Jr.
UPC	887191728933

Agency

CSA	LR19980
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UL	E29179
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Electrical

Current - Maximum per Contact	12.5A
Voltage - Maximum	600V AC (RMS)/DC

Physical

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-2
Glow-Wire Capable	Yes
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Matte Tin
Material - Plating Termination	Matte Tin
Material - Resin	Nylon
Net Weight	1.158/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Bag
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.78mm
PC Tail Length	3.50mm
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes

Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	5
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	220

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mini-Fit Sigma Receptacle Housing, 4.20mm Pitch, Single Row, Glow-Wire Capable, 3 Circuits	<u>2004531003</u>
Mini-Fit Jr. Receptacle Housing, Single Row, PA Polyamide Nylon 6/6, UL 94V-2, 3 Circuits, Positive Latch, First Mate/Last Break, Glow-Wire Capable, Black	<u>50291662</u>