



Part Number : [1724470006](#)

Product Description : Mini-Fit Jr. Header, Dual Row, Vertical, with Snap-in Plastic Peg PCB Lock, 6 Circuits, Nylon 6/6, UL 94V-2, Tin (Sn) Plating, Glow-Wire Capable, Black

Series Number : 172447

Status : Active

Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

[1724470006 sd.pdf](#)

[PK-5566-001-001.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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

[SYM-172447-XX06-001.zip](#)

Specifications


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

[TS-5556-002-001.pdf](#)

[TS-5566-002-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 33; 44
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains 1,1'-(Ethane-1,2-

	diyl)bis[pentabromobenzene] 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	172447
Description	Mini-Fit Jr. Header, Dual Row, Vertical, with Snap-in Plastic Peg PCB Lock, 6 Circuits, Nylon 6/6, UL 94V-2, Tin (Sn) Plating, Glow-Wire Capable, Black
Application	Power, Wire-to-Board
Component Type	PCB Header
Product Name	Mini-Fit Jr.
UPC	887191729602

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	9.0A
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	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	1.524/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
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Shrouded
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 Jr. Dual Row Receptacle Housings	<u>46992</u>
Mini-Fit TPA2 and Mini-Fit Sigma Dual Row Receptacle Housings	<u>172708</u>

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