



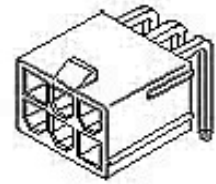
Part Number : [457320001](#)

Product Description : Mini-Fit Jr. PCI Express, High End Graphics Add-In Card Applications Only, 6 Circuits, Bag

Series Number : 45732

Status : Active

Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

[457320001_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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

Specifications

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

[PS-45558-001-001.pdf](#)

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

- 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	45732
Description	Mini-Fit Jr. PCI Express, High End Graphics Add-In Card Applications Only, 6 Circuits, Bag
Application	Wire-to-Board
Component Type	PCB Header
Product Name	Mini-Fit Jr.
UPC	822348184774

Agency

UL	E29179
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Electrical

Current - Maximum per Contact	8.0A
Voltage - Maximum	600V

Physical

Breakaway	No
Circuits (Loaded)	6

Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer (LCP)
Net Weight	2.249/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Bag
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.78mm
PC Tail Length	3.60mm
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	Shrouded
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	30
Lead-Free Process Capability	SMC&WAVE

Max-Cycle	1
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mini-Fit Jr. Receptacle Housing, Dual Row, Custom for PCI Express High-end Graphics Add-In Card Applications Only	<u>455590002</u>

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