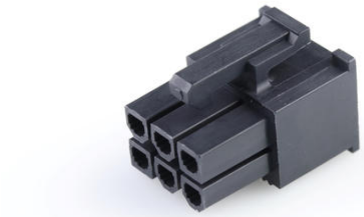
Part Number : 455590002
Product Description : Mini-Fit Jr. Receptacle Housing, Dual Row, Custom for PCI Express* High-end Graphics Add-In Card Applications Only
Series Number : 45559
Status : Active
Product Category : Connector Housings



Documents & Resources

Drawings

455590002_sd.pdf

PK-5557-002-000.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

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)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	Connector Housings
Series	45559
Description	Mini-Fit Jr. Receptacle Housing, Dual Row, Custom for PCI Express* High-end Graphics Add-In Card Applications Only
Application	Power, Wire-to-Board, Wire-to-Wire
Product Name	Mini-Fit Jr.
UPC	822348196876

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	6
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	Yes

Material - Resin	Nylon
Net Weight	1.400/g
Number of Rows	2
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	4.20mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C

Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mini-Fit Jr. Header, Dual Row, Right-Angle, 6 Circuits, PA Polyamide Nylon 6/6 94V-0, Tin (Sn) Plating, without Drain Holes	455580003
Mini-Fit Jr. PCI Express*, High End Graphics Add-In Card Applications Only, 6 Circuits	457180002
Mini-Fit Jr. PCI Express, High End Graphics Add-In Card Applications Only, 6 Circuits	457320001

Use with Part(s)

Description	Part Number
Mini-Fit Female Crimp Terminals	5556