Part Number : 1729521201
Product Description : Micro-Fit TPA Receptacle Housing, Dual Row, 12 Circuits, UL 94V-0, Low-Halogen, Black
Series Number : 172952
Status : Active
Product Category : Connector Housings



Documents and Resources

Drawings

1729521201_sd.pdf

1729520001-PK-000.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

430450001-AS-000.pdf

430450001-PS-KO-000.pdf

430450001-PS-SP-000.pdf

PS-43045-001.pdf

430450007-TS-000.pdf

TS-43045-001-001.pdf

TS-43045-002-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	Not Relevant
EU ELV	Not Relevant
Low-Halogen Status	Not Relevant
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

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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	172952
Description	Micro-Fit TPA Receptacle Housing, Dual Row, 12 Circuits, UL 94V-0, Low-Halogen, Black
Application	Wire-to-Board, Wire-to-Wire
Comments	See Product Specification for maximum current rating by circuit size and wire AWG
Component Type	Receptacle
Product Name	Micro-Fit TPA
UPC	889056429795

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	12

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Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	0.793/g
Number of Rows	2
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	3.00mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C

Mates With / Use With

Mates with Part(s)

Description	Part Number
Micro-Fit TPA Dual Row Plug Housings	203632
Micro-Fit 3.0 Dual Row Plug Housings	43020
Micro-Fit 3.0 Dual Row Headers	43045

Use with Part(s)

Description	Part Number
Micro-Fit Terminal Position Assurance (TPA) Retainers	172953
Micro-Fit 3.0 Female Crimp Terminals	43030
Micro-Fit Reduced Mating Force Female Crimp Terminals	46235

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