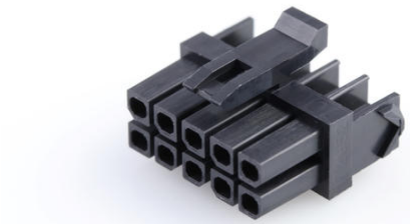
Part Number : 1729521002
Product Description : Micro-Fit TPA Receptacle Housing, Dual Row, 10 Circuits, UL 94V-2, Glow-Wire Capable, Black
Series Number : 172952
Status : Active
Product Category : Connector Housings



Documents and Resources

Drawings

1729521002_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

430450006-TS-000.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	per SJ/T 11365-2006
EU ELV	Not Relevant

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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	Connector Housings
Series	172952
Description	Micro-Fit TPA Receptacle Housing, Dual Row, 10 Circuits, UL 94V-2, Glow-Wire Capable, Black
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	See Product Specification for maximum current rating by circuit size and wire AWG; This Molex product is manufactured from material that has the following ratings, tested by independent agencies:a) AGlow Wire Ignition Temperature (GWIT)

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	of at least 775 deg C per IEC 60695-2-13. b) A Glow Wire Flammability Index (GWFI) above 850 deg Cper IEC 60695-2-12 and hence complies with the requirements set out in the International Standard IEC 60335-1 5th edition - household and similar electrical appliances - safety, section 30 Resistance to heat and fire; The customers using this product must determine its suitability for use in their particular application through testing or other acceptable means as described in end-product glow-wire flammability test standard IEC 60695-2-11 and any applicable product end-use standard(s); If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options.
Product Name	Micro-Fit TPA
UPC	889056429788

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	10
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	Yes
Keying to Mating Part	No
Lock to Mating Part	Yes
Material - Resin	Nylon

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Net Weight	0.805/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 +125°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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