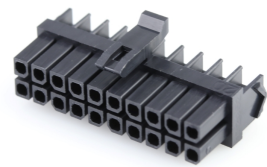




Part Number : [1729522001](#)
Product Description : Micro-Fit TPA
Receptacle Housing, Dual Row, 20 Circuits, UL
94V-0, Low-Halogen, Black
Series Number : [172952](#)
Status : Active
Product Category : [Connector Housings](#)



Documents & Resources

Drawings

[Drawing 1729522001_sd.pdf](#)
[Packaging Design Drawing 1729520001-PK-000.pdf](#)

3D Models and Design Files

[3D Model 1729522001_stp.zip](#)

Specifications

[Product Specification 430450001-PS-KO-000.pdf](#)
[Product Specification 430450001-PS-SP-000.pdf](#)
[Product Specification PS-43045-001.pdf](#)
[Test Summary TS-43045-001-001.pdf](#)
[Test Summary TS-43045-002-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

[Multiple Part Product Compliance Statements](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Connector Housings
Series	172952
Description	Micro-Fit TPA Receptacle Housing, Dual Row, 20 Circuits, UL 94V-0, Low-Halogen, Black
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	See Product Specification for maximum current rating by circuit size and wire AWG
Product Family	Micro-Fit Connector System
Product Name	Micro-Fit TPA
UPC	889056429917

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	20
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon

Net Weight	1.381/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	<u>203632</u>
Micro-Fit 3.0 Dual Row Plug Housings	<u>43020</u>
Micro-Fit 3.0 Dual Row Headers	<u>43045</u>

Use with Part(s)

Description	Part Number
Pre-Crimped Lead Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female, Tin (Sn) Plating, 150.00mm Length, 20 AWG, Black	<u>/content/molex/molex-dot-com/us/en/products/product-page.html/797580002.html</u>
Pre-Crimped Lead Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female, Gold (Au) Plating, 150.00mm Length, 20 AWG, Black	<u>/content/molex/molex-dot-com/us/en/products/product-page.html/797580004.html</u>
Pre-Crimped Lead Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female, Tin (Sn) Plating, 300.00mm Length, 20 AWG, Black	<u>/content/molex/molex-dot-com/us/en/products/product-page.html/797580010.html</u>
Pre-Crimped Lead Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female, Gold (Au) Plating, 300.00mm Length, 20 AWG, Black	<u>/content/molex/molex-dot-com/us/en/products/product-page.html/797580012.html</u>
Micro-Fit Terminal Position Assurance (TPA) Retainers	<u>172953</u>
Micro-Fit 3.0 Female Crimp Terminals	<u>43030</u>

