



Part Number : 436450210

Series Number : 43645

Product Category : Connector Housings

Product Description : Micro-Fit 3.0 Receptacle Housing, Single Row, 2 Circuits, UL 94V-2, Glow-Wire Capable, Black

Status : Active

Documents & Resources

Drawings

Drawing 436450210_sd.pdf

3D Models and Design Files

3D Model 436450210_stp.zip

Specifications

- Application Specification 430250000-AS-000.pdf
- Packaging Specification PK-43645-001-001.pdf
- Product Specification 436500001-PS-JA-000.pdf
- Product Specification 436500001-PS-KO-000.pdf
- Product Specification 436500001-PS-SP-000.pdf
- Product Specification PS-43650-001.pdf
- Test Summary 430450005-TS-000.pdf
- Test Summary 430450006-TS-000.pdf
- Test Summary TS-43045-001-001.pdf
- Test Summary TS-43045-002-001.pdf
- Test Summary TS-43045-003-001.pdf
- Test Summary TS-46235-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
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	43645
Description	Micro-Fit 3.0 Receptacle Housing, Single Row, 2 Circuits, UL 94V-2, Glow-Wire Capable, Black
Application	Power, Wire-to-Board, Wire-to-Wire
Product Family	Micro-Fit Connector System
Product Name	Micro-Fit 3.0
UPC	889056720007

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	2
Color - Resin	Black
Flammability	94V-2
Gender	Receptacle
Glow-Wire Capable	Yes
Keying to Mating Part	None
Lock to Mating Part	Yes

Material - Resin	Nylon
Net Weight	0.290/g
Number of Rows	1
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 3.0 Single Row Plug Housings	<u>43640</u>
Micro-Fit TPA Single Row Plug Housings	<u>200875</u>
Micro-Fit 3.0 Single Row Headers	<u>43650</u>
Micro-Fit 3.0 Male-to-Micro-Fit 3.0 Male Off-the-Shelf (OTS) Cable Assemblies	<u>214752</u>
Micro-Fit 3.0 Male-to-Pigtail Off-the-Shelf (OTS) Cable Assemblies	<u>214753</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-pdf.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-pdf.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-pdf.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	/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/797580012.html
Micro-Fit 3.0 Female Crimp Terminals	43030
Micro-Fit Reduced Mating Force Female Crimp Terminals	46235
Pre-Crimped Lead Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female	214760
Pre-Crimped Lead Micro-Fit 3.0 Female-to-Pigtail	214761