



Part Number : [430252008](#)
Product Description : Micro-Fit 3.0 Receptacle Housing, Dual Row, 20 Circuits, UL 94V-0, Low-Halogen Since Inception, Black
Series Number : [43025](#)
Status : Active
Product Category : [Connector Housings](#)



Documents & Resources

Drawings

[430252008_sd.pdf](#)

3D Models and Design Files

[430252008_stp.zip](#)

Specifications

- [430250000-AS-000.pdf](#)
- [PK-43025-001-001.pdf](#)
- [430450001-PS-KO-000.pdf](#)
- [430450001-PS-SP-000.pdf](#)
- [PS-43045-001.pdf](#)
- [430450005-TS-000.pdf](#)
- [430450007-TS-000.pdf](#)
- [TS-43045-001-001.pdf](#)
- [TS-43045-003-001.pdf](#)
- [TS-46235-001-001.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(2024)7663-DC (21 Jan 2025)
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	43025
Description	Micro-Fit 3.0 Receptacle Housing, Dual Row, 20 Circuits, UL 94V-0, Low-Halogen Since Inception, Black
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	Halogen Free/Low Halogen since inception
Product Name	Micro-Fit 3.0
UPC	883906114565

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	1.573/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

Solder Process Data

Lead-Free Process Capability	N/A
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Mates With / Use With

Mates with Part(s)

Description	Part Number
Micro-Fit 3.0 Dual Row Plug Housings	<u>43020</u>
Micro-Fit 3.0 Dual Row Headers	<u>43045</u>
Micro-Fit 3.0 Dual Row Test Plugs	<u>44242</u>
Micro-Fit 3.0 Male-to-Micro-Fit 3.0 Male Off-the-Shelf (OTS) Cable Assemblies	<u>214757</u>
Micro-Fit 3.0 Male-to-Pigtail Off-the-Shelf (OTS) Cable Assemblies	<u>214758</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>797580002</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>797580004</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>797580010</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>797580012</u>
Micro-Fit 3.0 Female Crimp Terminals	<u>43030</u>
Micro-Fit 3.0 Female Crimp Terminals with Lubricant	<u>45773</u>
Micro-Fit Reduced Mating Force Female Crimp Terminals	<u>46235</u>
Pre-Crimped Lead Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female	<u>214760</u>
Pre-Crimped Lead Micro-Fit 3.0 Female-to-Pigtail	<u>214761</u>