molex

Part Number : 430250610

Product Description : Micro-Fit 3.0 Receptacle Housing, Dual Row, 6 Circuits, UL 94V-2, Glow-Wire Capable, Black

Series Number : 43025

Status : Active

Product Category : Connector Housings

Documents & Resources

Drawings

430250610_sd.pdf

3D Models and Design Files

430250610_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
430450006-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	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	43025
Description	Micro-Fit 3.0 Receptacle Housing, Dual Row, 6 Circuits, UL 94V-2, Glow-Wire Capable, Black
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	This Molex product is manufactured from material that has the following ratings, tested by independent agencies: a) A Glow Wire Ignition Temperature (GWIT) of at least 775 deg C per IEC 60695-2-13. b) A Glow Wire Flammability Index (GWFI) above 850 deg C per 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 3.0
UPC	889056719971

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	6
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	0.609/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 3.0 Dual Row Plug Housings	43020
Micro-Fit 3.0 Dual Row Headers	43045
Micro-Fit 3.0 Dual Row Test Plugs	44242
Micro-Fit 3.0 Male-to-Micro-Fit 3.0 Male Off-the-Shelf (OTS) Cable Assemblies	214757

Micro-Fit 3.0 Male-to-Pigtail Off-the-Shelf (OTS) Cable Assemblies	214758

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	797580002
Pre-Crimped Lead Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female, Gold (Au) Plating, 150.00mm Length, 20 AWG, Black	797580004
Pre-Crimped Lead Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female, Tin (Sn) Plating, 300.00mm Length, 20 AWG, Black	797580010
Pre-Crimped Lead Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female, Gold (Au) Plating, 300.00mm Length, 20 AWG, Black	797580012
Micro-Fit 3.0 Female Crimp Terminals	43030
Micro-Fit 3.0 Female Crimp Terminals with Lubricant	45773
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

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