Part Number : 436400601
Product Description : Micro-Fit 3.0 Plug Housing, Single Row, 6 Circuits, UL 94V-0, Low-Halogen, Black
Series Number : 43640
Status : Active
Product Category : Connector Housings



Documents and Resources

Drawings

436400601_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

PK-43640-003-001.pdf

436500001-PS-JA-000.pdf

436500001-PS-KO-000.pdf

436500001-PS-SP-000.pdf

PS-43650-001.pdf

430450005-TS-000.pdf

430450007-TS-000.pdf

TS-43045-001-001.pdf

TS-43045-002-001.pdf

TS-43045-003-001.pdf

TS-46235-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006

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EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained 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	43640
Description	Micro-Fit 3.0 Plug Housing, Single Row, 6 Circuits, UL 94V-0, Low-Halogen, Black
Application	Wire-to-Wire
Product Name	Micro-Fit 3.0
UPC	800754950923

Agency

CSA	LR19980
UL	E29179

Physical

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Circuits (maximum)	6
Color - Resin	Black
Flammability	94V-0
Gender	Plug
Glow-Wire Capable	No
Keying to Mating Part	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	1.000/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 +105°C

Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

Mates with Part(s)

Description	Part Number
Micro-Fit 3.0 Single Row Receptacle Housings	43645
Micro-Fit TPA-to-Micro-Fit TPA Off-the-Shelf (OTS) Cable Assemblies	145132
Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female Off-the-Shelf (OTS) Cable Assemblies	214750
Micro-Fit 3.0 Female-to-Pigtail Off-the-Shelf (OTS) Cable Assemblies	214751

Use with Part(s)

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Description	Part Number
Micro-Fit Male Crimp Terminals	43031
Pre-Crimped Lead Micro-Fit 3.0 Male-to-Micro-Fit 3.0 Male	214762
Pre-Crimped Lead Micro-Fit 3.0 Male-to-Pigtail	214763

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