Part Number : 1718500700

Product Description : Micro-Fit TPA Receptacle Housing, Single Row, 7 Circuits, UL 94V-0, Low-Halogen, Black

Series Number : 171850

Status : Active

Product Category : Connector Housings

Documents & Resources

Drawings

Drawing_1718500700_sd.pdf

3D Models and Design Files

3D Model_1718500700_stp.zip

Specifications

Packaging Specification_PK-171850-0000-001.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_1718500000-TS-000.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)8585-DC (23 Jan 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	171850
Description	Micro-Fit TPA Receptacle Housing, Single Row, 7 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	887191918389

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	7
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	0.840/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 Plug Housings	43640
Micro-Fit TPA Single Row Plug Housings	200875
Micro-Fit 3.0 Single Row Headers	43650

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	/content/molex/molex-dot-com/us/en/products/product-page.html/797580002.html
Pre-Crimped Lead Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female, Gold (Au) Plating, 150.00mm Length, 20 AWG, Black	/content/molex/molex-dot-com/us/en/products/product-page.html/797580004.html
Pre-Crimped Lead Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female, Tin (Sn) Plating, 300.00mm Length, 20 AWG, Black	/content/molex/molex-dot-com/us/en/products/product-page.html/797580010.html
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.html/797580012.html
Micro-Fit 3.0 Female Crimp Terminals	43030
Micro-Fit Reduced Mating Force Female Crimp Terminals	46235