



Part Number : [1718500500](#)

Product Description : Micro-Fit TPA Receptacle Housing, Single Row, 5 Circuits, UL 94V-0, Low-Halogen, Black

Series Number : 171850

Status : Active

Product Category : Connector Housings



Documents and Resources

Drawings

[1718500500_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

[1718500000-AS-000.pdf](#)

[PK-171850-0000-001.pdf](#)

[436500001-PS-JA-000.pdf](#)

[436500001-PS-KO-000.pdf](#)

[436500001-PS-SP-000.pdf](#)


[PS-43650-001.pdf](#)

[1718500000-TS-000.pdf](#)

[430450007-TS-000.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Not Relevant |
| China RoHS |  per SJ/T 11365-2006 |
| 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 | 171850 |
| Description | Micro-Fit TPA Receptacle Housing, Single Row, 5 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 Name | Micro-Fit TPA |
| UPC | 887191918341 |

Agency

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

Physical

| | |
|-------------------------------|----------------|
| Circuits (maximum) | 5 |
| Color - Resin | Black |
| Gender | Receptacle |
| Glow-Wire Capable | No |
| Keying to Mating Part | No |
| Lock to Mating Part | Yes |
| Material - Resin | Nylon |
| Net Weight | 0.597/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 | <u>43640</u> |
| Micro-Fit TPA Single Row Plug Housings | <u>200875</u> |
| Micro-Fit 3.0 Single Row Headers | <u>43650</u> |

Use with Part(s)

| Description | Part Number |
|---|--------------|
| Micro-Fit 3.0 Female Crimp Terminals | <u>43030</u> |
| Micro-Fit Reduced Mating Force Female Crimp Terminals | <u>46235</u> |

This document was generated on Apr 23, 2026