

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1718500500](#)  
**Status:** **Active**  
**Overview:** [Micro-Fit Connector System](#)  
**Description:** Micro-Fit TPA Receptacle Housing, Single Row, 5 Circuits, UL 94V-0, Low-Halogen, Black

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model (PDF)</a>                           | <a href="#">Packaging Specification PK-171850-0000 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                            | <a href="#">Test Summary 1718500000-TS-000 (PDF)</a>         |
| <a href="#">3D Model</a>                                 | <a href="#">RoHS Certificate of Compliance (PDF)</a>         |
| <a href="#">Product Specification PS-43650-001 (PDF)</a> | <a href="#">Product Literature (PDF)</a>                     |



Series image - Reference only

**Agency Certification**

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

**General**

|                |   |
|----------------|---|
| Product Family | Crimp Housings  |
| Series         | <a href="#">171850</a>  |
| Application    | Power, Wire-to-Board, Wire-to-Wire  |
| Comments       | See Product Specification for maximum current rating by circuit size and wire AWG |
| Overview       | <a href="#">Micro-Fit Connector System</a>  |
| Product Name   | Micro-Fit TPA   |
| UPC            | 887191918341  |

**Physical**

|                               |                |
|-------------------------------|----------------|
| Circuits (maximum)            | 5              |
| Color - Resin                 | Black          |
| Flammability                  | 94HB, 94V-0    |
| Gender                        | Receptacle     |
| Glow-Wire Capable             | No             |
| Keying to Mating Part         | None           |
| Lock to Mating Part           | Yes            |
| Material - Resin              | Nylon          |
| Net Weight                    | 0.640/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-freeProcess Capability | N/A |
|-----------------------------|-----|

**Material Info**

**Reference - Drawing Numbers**

|                         |                    |
|-------------------------|--------------------|
| Packaging Specification | PK-171850-0000     |
| Product Specification   | PS-43650-001       |
| Sales Drawing           | SD-171850-0000-000 |
| Test Summary            | 1718500000-TS-000  |

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[171850 Series](#)

**Mates With**

Micro-Fit 3.0 Plug Housing [43640](#)  
 <br>Micro-Fit TPA Plug Housing [200875](#)  
 <br>Micro-Fit 3.0 Header [43650](#)

**Use With**

Micro-Fit 3.0 Female Crimp Terminal [43030](#)  
 <br>Micro-Fit RMF Reduced Mating Force  
[46235](#) <br>Micro-Fit 3.0 Pre-Crimped Leads  
[797580002](#) , [797580004](#) , [797580010](#) ,  
[797580012](#)

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