

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

**Part Number:** [2004710005](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Family Power Connectors](#)  
**Description:** Mini-Fit TPA2 Plug Housing, 4.20mm Pitch, Single Row, UL 94V-0, Low-Halogen, 5 Circuits

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model (PDF)</a>                                 | <a href="#">Application Specification AS-172718-0000-001 (PDF)</a> |
| <a href="#">3D Model</a>                                       | <a href="#">Packaging Specification 2004710000-PK-000 (PDF)</a>    |
| <a href="#">Drawing (PDF)</a>                                  | <a href="#">Test Summary 1727180002-TS-000 (PDF)</a>               |
| <a href="#">Product Specification PS-172718-0000-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>               |



**General**

|                |   |
|----------------|---|
| Product Family | Crimp Housings  |
| Series         | <a href="#">200471</a>                                      |
| Application    | Power, Wire-to-Board, Wire-to-Wire                          |
| Comments       | See product specification for current derating information. |
| Overview       | <a href="#">Mini-Fit Family Power Connectors</a>            |
| Product Name   | Mini-Fit TPA2   |
| Taxonomy       | Connector Housings  |
| UPC            | 8890564444651   |

**Physical**

|                               |                |
|-------------------------------|----------------|
| Circuits (maximum)            | 5              |
| Color - Resin                 | Black          |
| Gender                        | Plug           |
| Glow-Wire Capable             | No             |
| Lock to Mating Part           | Yes            |
| Material - Resin              | Nylon          |
| Net Weight                    | 1.870/g        |
| Number of Rows                | 1              |
| Packaging Type                | Bag            |
| Panel Mount                   | No             |
| Pitch - Mating Interface      | 4.20mm         |
| Pitch - Termination Interface | 4.20mm         |
| Polarized to Mating Part      | Yes            |
| Stackable                     | No             |
| Temperature Range - Operating | -40° to +105°C |

**Material Info**

**Reference - Drawing Numbers**

|                           |                    |
|---------------------------|--------------------|
| Application Specification | AS-172718-0000-001 |
| Packaging Specification   | 2004710000-PK-000  |
| Product Specification     | PS-172718-0000-001 |
| Sales Drawing             | 2004710000-SD-000  |
| Test Summary              | 1727180002-TS-000  |

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**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**

[200471](#) Series

**Mates With**

Mini-Fit TPA2 Receptacle Housing [200453](#)  
 <br>Mini-Fit Jr. Receptacle Housing [5557](#)  
 <br>Mini-Fit TPA2 Cable Assembly [145135](#)

**Use With**

Mini-Fit TPA2 Male Terminal [172765](#)  
 <br>Mini-Fit TPA2 Retainer [172709](#)