

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

**Part Number:** [2004530105](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Family Power Connectors](#)  
**Description:** Mini-Fit TPA2 Receptacle Housing, 4.20mm Pitch, Single Row, UL 94V-2, Glow-Wire Capable, 5 Circuits

**Documents:**

|  |   |
|--|---|
| <a href="#">Drawing (PDF)</a>                                      | <a href="#">Packaging Specification 2004530000-PK-000 (PDF)</a> |
| <a href="#">3D Model</a>   | <a href="#">Test Summary 1727180001-TS-000 (PDF)</a>            |
| <a href="#">3D Model (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>            |
| <a href="#">Application Specification AS-172718-0000-001 (PDF)</a> |   |

**Agency Certification**

UL EU-01109

**General**

|                |   |
|----------------|---|
| Product Family | Crimp Housings  |
| Series         | <a href="#">200453</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   |
| UPC            | 889056446143  |

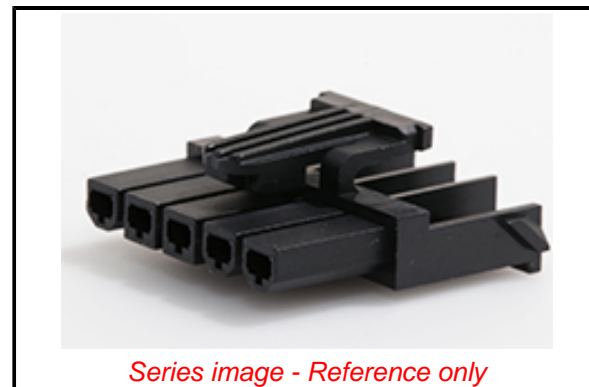
**Physical**

|                               |                |
|-------------------------------|----------------|
| Circuits (maximum)            | 5              |
| Color - Resin                 | Black          |
| Flammability                  | 94V-2          |
| Gender                        | Receptacle     |
| Glow-Wire Capable             | Yes            |
| Lock to Mating Part           | Yes            |
| Material - Resin              | Nylon          |
| Net Weight                    | 1.450/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   | 2004530000-PK-000                    |
| Product Specification     | PS-172718-0000-001                   |
| Sales Drawing             | 2004530000-SD-000                    |
| Test Summary              | 1727180001-TS-000, 1727180002-TS-000 |



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

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

**Halogen-Free**

**Status**

**Not 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**

[200453](#) Series

**Mates With**

Mini-Fit TPA2 Plug Housing [200471](#) ,  
[200488](#) <br>Mini-Fit Jr. Plug Housing [5559](#)  
<br>Mini-Fit Jr. Headers [5566](#) , [5569](#)

**Use With**

Mini-Fit TPA2/Sigma Female Terminal  
[172718](#) <br>Mini-Fit TPA2 Retainer [172709](#)  
<br>Mini-Fit TPA2 CPA Retainer [203603](#)