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**Part Number:** [2004530003](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Family Power Connectors](#)  
**Description:** Mini-Fit TPA2 Receptacle Housing, 4.20mm Pitch, Single Row, UL 94V-0, Low-Halogen, 3 Circuits

**Documents:**

|                                                                    |                                                                 |
|--------------------------------------------------------------------|-----------------------------------------------------------------|
| <a href="#">3D Model</a>                                           | <a href="#">Packaging Specification 2004530000-PK-000 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                                     | <a href="#">Test Summary 1727180001-TS-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>            |
| <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                                               |
| Taxonomy       | Connector Housings                                          |
| UPC            | 889056445672                                                |

**Physical**

|                               |                |
|-------------------------------|----------------|
| Circuits (maximum)            | 3              |
| Color - Resin                 | Black          |
| Flammability                  | 94V-0          |
| Gender                        | Receptacle     |
| Glow-Wire Capable             | No             |
| Lock to Mating Part           | Yes            |
| Material - Resin              | Nylon          |
| Net Weight                    | 0.920/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 -

**Halogen-Free**

**Status**

**Low-Halogen**

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

**China RoHS**

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[200453](#) Series

**Mates With**

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

**Use With**

Mini-Fit TPA2/Sigma Female Terminal  
[172718](#) . Pre-Crimped Lead [219670](#) ,  
[219671](#) . Mini-Fit TPA2 Retainer [172709](#) .  
Mini-Fit TPA2 CPA Retainer [203603](#)