

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

**Part Number:** [1727080010](#)  
**Status:** **Active**  
**Overview:** Mini-Fit Jr. Power Connectors  
**Description:** Mini-Fit TPA2 Receptacle Housing, 4.20mm Pitch, Dual Row, UL 94V-0, Low-Halogen, 10 Circuits

**Documents:**

|  |  |
|--|--|
| <a href="#">Drawing (PDF)</a>                                  | <a href="#">Application Specification AS-172718-0000-001 (PDF)</a> |
| <a href="#">3D Model</a>                                       | <a href="#">Packaging Specification PK-172708-0000-000 (PDF)</a>   |
| <a href="#">3D Model (PDF)</a>                                 | <a href="#">Test Summary 1727180001-TS-000 (PDF)</a>               |
| <a href="#">Product Specification 2029880001-PS-000 (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>               |

**Agency Certification**

UL EU-01109

**General**

|                |   |
|----------------|---|
| Product Family | Crimp Housings  |
| Series         | <a href="#">172708</a>                                      |
| Application    | Power, Wire-to-Board, Wire-to-Wire                          |
| Comments       | See product specification for current derating information. |
| Overview       | <a href="#">Mini-Fit Jr. Power Connectors</a>               |
| Product Name   | Mini-Fit TPA2   |
| UPC            | 889056178082  |

**Physical**

|                               |                |
|-------------------------------|----------------|
| Circuits (maximum)            | 10             |
| Color - Resin                 | Black          |
| Flammability                  | 94V-0          |
| Gender                        | Receptacle     |
| Glow-Wire Capable             | No             |
| Lock to Mating Part           | Yes            |
| Material - Resin              | Nylon          |
| Net Weight                    | 2.560/g        |
| Number of Rows                | 2              |
| 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 |

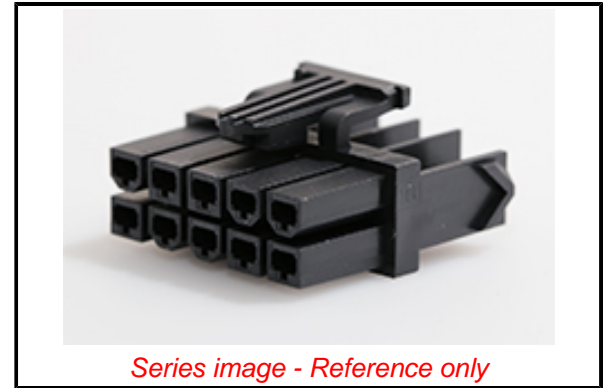
**Solder Process Data**

Lead-freeProcess Capability N/A

**Material Info**

**Reference - Drawing Numbers**

|                           |                                       |
|---------------------------|---------------------------------------|
| Application Specification | AS-172718-0000-001                    |
| Packaging Specification   | PK-172708-0000-000                    |
| Product Specification     | 2029880001-PS-000, PS-172718-0000-001 |
| Sales Drawing             | SD-172708-0000-000                    |
| 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**

**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**

[172708](#) Series

**Mates With**

Mini-Fit TPA2 Plug Housing [172762](#) ,  
[172767](#) <br> Mini-Fit Jr. Plug Housing [5559](#)  
<br> Mini-Fit Jr. Header [5566](#) , [5569](#) , [35318](#)  
, [44130](#) , [87427](#) , [172448](#) , [46991](#) , [35317](#) ,  
[43460](#) , [87427](#) , [172447](#) , [46207](#) <br> Mini-  
Fit Sigma Sealed Plug Housing [207017](#) <br>  
Mini-Fit Jr. Test Plug [44281](#)

**Use With**

Mini-Fit TPA2/Sigma Female Terminal  
[172718](#) , [202988](#) <br>Mini-Fit TPA2  
Retainer [172709](#) <br>Mini-Fit TPA2 CPA  
Retainer [203603](#)

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