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**Part Number:** [1727080002](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr. Power Connectors](#)  
**Description:** Mini-Fit TPA2 Receptacle Housing, 4.20mm Pitch, Dual Row, UL 94V-0, Low-Halogen, 2 Circuits

|                                                                |                                                                    |
|----------------------------------------------------------------|--------------------------------------------------------------------|
| <b>Documents:</b>                                              |                                                                    |
| <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 PK-172708-0000-000 (PDF)</a>   |
| <a href="#">Drawing (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>               |

|                                    |                                                             |
|------------------------------------|-------------------------------------------------------------|
| <b>Agency Certification</b>        |                                                             |
| UL                                 | EU-01109                                                    |
| <b>General</b>                     |                                                             |
| 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                                | 889056178051                                                |
| <b>Physical</b>                    |                                                             |
| Circuits (maximum)                 | 2                                                           |
| Color - Resin                      | Black                                                       |
| Flammability                       | 94V-0                                                       |
| Gender                             | Receptacle                                                  |
| Glow-Wire Capable                  | No                                                          |
| Lock to Mating Part                | Yes                                                         |
| Material - Resin                   | Nylon                                                       |
| Net Weight                         | 1.060/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                                              |
| <b>Solder Process Data</b>         |                                                             |
| Lead-freeProcess Capability        | N/A                                                         |
| <b>Material Info</b>               |                                                             |
| <b>Reference - Drawing Numbers</b> |                                                             |
| 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

|                                                               |                   |
|---------------------------------------------------------------|-------------------|
| <b>EU ELV</b>                                                 |                   |
| <b>Not Relevant</b>                                           |                   |
| <b>EU RoHS</b>                                                | <b>China RoHS</b> |
| <b>Compliant</b>                                              |                   |
| <b>REACH SVHC</b>                                             |                   |
| Not Contained Per - D(2020)4578-DC (25 June 2020)             |                   |
| <b>Halogen-Free Status</b>                                    |                   |
| <b>Low-Halogen</b>                                            |                   |
| For more information, please visit <a href="#">Contact US</a> |                   |
| China ROHS                                                    | Green Image       |
| ELV                                                           | Not Relevant      |
| RoHS Phthalates                                               | 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 Jr. Test Plug [44281](#)

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

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