

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** [1727080114](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Family Power Connectors](#)  
**Description:** Mini-Fit TPA2 Receptacle Housing, 4.20mm Pitch, Dual Row, UL 94V-2, Glow-Wire Capable, 14 Circuit

**Documents:**

|                                                                    |                                                                 |
|--------------------------------------------------------------------|-----------------------------------------------------------------|
| <a href="#">3D Model</a>                                           | <a href="#">Packaging Specification 1727080001-PK-000 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                                     | <a href="#">Test Summary 2029880001-TS-000 (PDF)</a>            |
| <a href="#">Drawing (PDF)</a>                                      | <a href="#">Datasheet (PDF)</a>                                 |
| <a href="#">Product Specification 2029880001-PS-000 (PDF)</a>      | <a href="#">RoHS Certificate of Compliance (PDF)</a>            |
| <a href="#">Application Specification AS-172718-0000-001 (PDF)</a> |                                                                 |

**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 Family Power Connectors</a>            |
| Product Name   | Mini-Fit TPA2                                               |
| UPC            | 191128361422                                                |

**Physical**

|                               |                |
|-------------------------------|----------------|
| Circuits (maximum)            | 14             |
| Color - Resin                 | Black          |
| Gender                        | Receptacle     |
| Glow-Wire Capable             | Yes            |
| Lock to Mating Part           | Yes            |
| Material - Resin              | Nylon          |
| Net Weight                    | 2.798/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 |

**Material Info**

|                    |              |
|--------------------|--------------|
| Engineering Number | 1727708-0114 |
|--------------------|--------------|

**Reference - Drawing Numbers**

|                           |                    |
|---------------------------|--------------------|
| Application Specification | AS-172718-0000-001 |
| Packaging Specification   | 1727080001-PK-000  |
| Product Specification     | 2029880001-PS-000  |
| Sales Drawing             | SD-172708-0000-000 |
| Test Summary              | 2029880001-TS-000  |



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**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**

[172708](#) Series

**Mates With**

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

**Use With**

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