

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

**Part Number:** [1727080006](#)  
**Status:** **Active**  
**Overview:** Mini-Fit Jr. Power Connectors  
**Description:** Mini-Fit TPA2 Receptacle Housing, 4.20mm Pitch, Dual Row, UL 94V-0, Low-Halogen, 6 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-172718-0000-001 (PDF)</a>
<a href="#">Drawing (PDF)</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>
3D Viewer	Yes
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	See product specification for current derating information., See product specification for current derating information.
Overview	<a href="#">Mini-Fit Jr. Power Connectors</a>
Product Name	Mini-Fit TPA2
UPC	889056178044

**Physical**

Circuits (maximum)	6
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	1.690/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

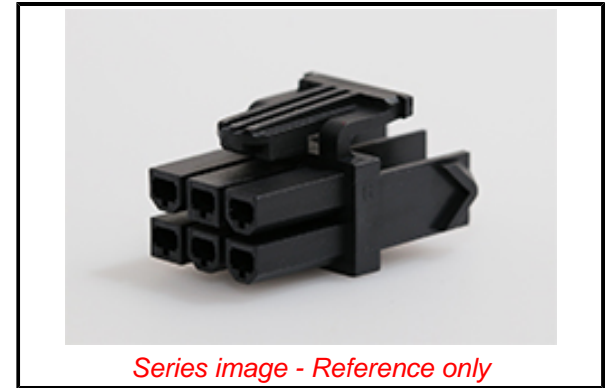
**Solder Process Data**

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 - ED/71/2019 (16 July 2019)

**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**

Plug Housings<br> [172762](#) , [172767](#) , [5559](#)  
 <br>Headers<br>link:[5566](#), [5569](#) , [35318](#) ,  
[44130](#) , [87427](#) , [172448](#) , [46991](#) , [35317](#) ,  
[43460](#) , [87427](#) , [172447](#) , [46207](#) <br>Test  
 Plug<br>link:[44281](#)

**Use With**

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

This document was generated on 11/20/2019

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**