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**Part Number:** [1727080012](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Family Power Connectors](#)  
**Description:** Mini-Fit TPA2 Receptacle Housing, 4.20mm Pitch, Dual Row, UL 94V-0, Low-Halogen, 12 Circuits

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-172708-0000-000 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Test Summary 1727180001-TS-000 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Test Summary 1727180002-TS-000 (PDF)</a>
<a href="#">Product Specification 2029880001-PS-000 (PDF)</a>	<a href="#">Datasheet (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 [172708](#)  
 Application Power, Wire-to-Board, Wire-to-Wire  
 Comments See product specification for current derating information.  
 Overview [Mini-Fit Family Power Connectors](#)  
 Product Name Mini-Fit TPA2  
 UPC 889056178099

**Physical**

Circuits (maximum) 12  
 Color - Resin Black  
 Flammability 94V-0  
 Gender Receptacle  
 Glow-Wire Capable No  
 Lock to Mating Part Yes  
 Material - Resin Nylon  
 Net Weight 2.100/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(2021)4569-DC (8  
 July 2021)

**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](#) . 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](#)

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