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**Part Number:** [1727080108](#)  
**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, 8 Circuits

**Documents:**

<a href="#">3D Model (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="#">Drawing (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	<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	889056178235

**Physical**

Circuits (maximum)	8
Color - Resin	Black
Flammability	94V-2
Gender	Receptacle
Glow-Wire Capable	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	1.630/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**

**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](#)

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