

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

**Part Number:** [1727620008](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Family Power Connectors](#)  
**Description:** [Mini-Fit TPA2 Plug Housing, 4.20mm Pitch, Dual Row, UL 94V-0, Low-Halogen, 8 Circuits](#)

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-172762-0000-000 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Test Summary 1727180002-TS-000 (PDF)</a>
<a href="#">Drawing (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>	

**General**

Product Family	Crimp Housings
Series	<a href="#">172762</a>
Application	Power, 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
Taxonomy	Connector Housings
UPC	889056261982

**Physical**

Circuits (maximum)	8
Color - Resin	Black
Gender	Plug
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	2.310/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

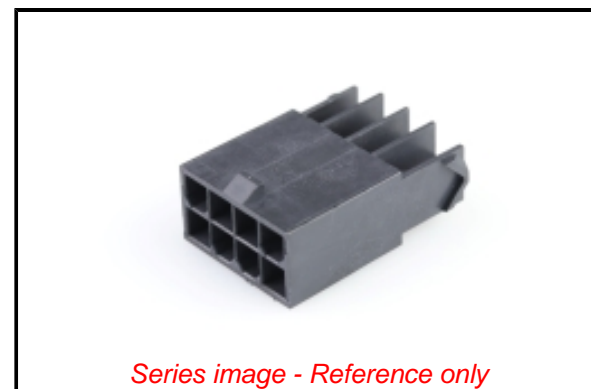
**Solder Process Data**

Lead-freeProcess Capability	N/A
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**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-172718-0000-001
Packaging Specification	PK-172762-0000-000
Product Specification	PS-172718-0000-001
Sales Drawing	SD-172762-0000-000
Test Summary	1727180002-TS-000



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -

**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**

[172762](#) Series

**Mates With**

Mini-Fit TPA2 Receptacle Housing [172708](#) .  
Mini-Fit Jr. Receptacle Housing [5557](#)

**Use With**

Mini-Fit TPA2/Sigma Male Terminal [172765](#) , [203070](#) . Mini-Fit TPA2 Retainer [172709](#)