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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:	
3D Model	Application Specification AS-172718-0000-001 (PDF)
Drawing (PDF)	Packaging Specification PK-172708-0000-000 (PDF)
3D Model (PDF)	Test Summary 1727180001-TS-000 (PDF)
Product Specification 2029880001-PS-000 (PDF)	Test Summary 1727180002-TS-000 (PDF)
Product Specification PS-172718-0000-001 (PDF)	RoHS Certificate of Compliance (PDF)

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 Jr. Power Connectors
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	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2020)4578-DC (25 June 2020)	
Halogen-Free	
Status	
Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	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 Jr. Test Plug [44281](#)

Use With
Mini-Fit TPA2 Female Terminal [172718](#) , [202988](#)
Mini-Fit TPA2 Retainer [172709](#)
Mini-Fit TPA2 CPA Retainer [203603](#)

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