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Part Number: [1727080008](#)
Status: **Active**
Overview: [Mini-Fit Family Power Connectors](#)
Description: Mini-Fit TPA2 Receptacle Housing, 4.20mm Pitch, Dual Row, UL 94V-0, Low-Halogen, 8 Circuits

Documents:

Drawing (PDF)	Packaging Specification PK-172708-0000-000 (PDF)
3D Model	Test Summary 1727180001-TS-000 (PDF)
3D Model (PDF)	Test Summary 1727180002-TS-000 (PDF)
Product Specification 2029880001-PS-000 (PDF)	Datasheet (PDF)
Product Specification PS-172718-0000-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-172718-0000-001 (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 Family Power Connectors
Product Name	Mini-Fit TPA2
Taxonomy	Connector Housings
UPC	889056178075

Physical

Circuits (maximum)	8
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	2.130/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 -

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](#) . Pre-Crimped Lead [219670](#) , [219671](#) . Mini-Fit TPA2 Retainer [172709](#) . Mini-Fit TPA2 CPA Retainer [203603](#)

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