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Part Number: [1727080118](#)
Status: **Active**
Overview: Mini-Fit Jr. Power Connectors
Description: Mini-Fit TPA2 Receptacle Housing, 4.20mm Pitch, Dual Row, UL 94V-2, Glow-Wire Capable, 18 Circuit

Documents:

| | |
|---|--|
| 3D Model | Application Specification AS-172718-0000-001 (PDF) |
| Drawing (PDF) | Packaging Specification 1727080001-PK-000 (PDF) |
| 3D Model (PDF) | Test Summary 2029880001-TS-000 (PDF) |
| Product Specification 2029880001-PS-000 (PDF) | RoHS Certificate of Compliance (PDF) |

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 | 191128361460 |

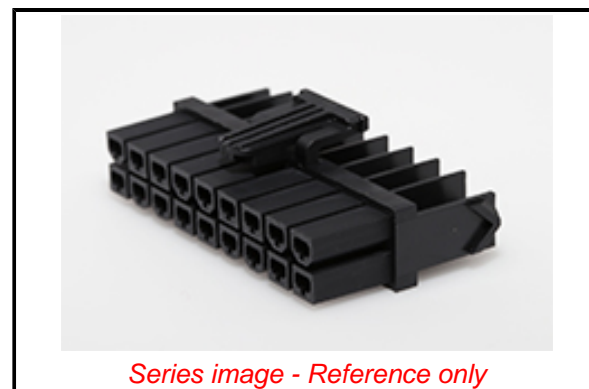
Physical

| | |
|-------------------------------|----------------|
| Circuits (maximum) | 18 |
| Color - Resin | Black |
| Gender | Receptacle |
| Glow-Wire Capable | Yes |
| Lock to Mating Part | Yes |
| Material - Resin | Nylon |
| Net Weight | 3.494/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 |

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|--------------------|
| Application Specification | AS-172718-0000-001 |
| Packaging Specification | 1727080001-PK-000 |
| Product Specification | 2029880001-PS-000 |
| Sales Drawing | SD-172708-0000-000 |
| Test Summary | 2029880001-TS-000 |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

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 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](#)