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Part Number: [1727182111](#)
Status: **Active**
Overview: Mini-Fit Jr. Power Connectors
Description: Mini-Fit TPA2 Female Crimp Terminal, Phosphor Bronze, Pre-Plated Tin (Sn), 16 AWG, 2.55-3.14mm Insulation Diameter, Reel

Documents:

| | |
|--|--|
| Drawing (PDF) | Packaging Specification PK-172718-0001-000 (PDF) |
| Product Specification 2131370000-PS-000 (PDF) | Test Summary 1727180001-TS-000 (PDF) |
| Product Specification PS-172718-0000-001 (PDF) | Test Summary 1727180002-TS-000 (PDF) |
| Application Specification AS-172718-0000-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Packaging Specification PK-172718-0000-000 (PDF) | |

General

| | |
|----------------------------------|---|
| Product Family | Crimp Terminals |
| Series | 172718 |
| Application | Power, Wire-to-Board, Wire-to-Wire |
| Comments | See product specification for current derating information. See Mini-Fit TPA2 housing series for 3D models. |
| Crimp Quality Equipment Overview | Yes |
| Packaging Alternative | Mini-Fit Jr. Power Connectors |
| Product Name | 1727182112 (Bag) |
| UPC | Mini-Fit TPA2 889056179317 |

Physical

| | |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30 |
| Gender | Female |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Net Weight | 0.210/g |
| Packaging Type | Reel |
| Plating min - Mating | 2.500µm |
| Plating min - Termination | 2.500µm |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter | 2.55-3.14mm |
| Wire Size AWG | 16 |
| Wire Size mm² | N/A |

Electrical

| | |
|-------------------------------|------------|
| Current - Maximum per Contact | 11.0A |
| Voltage - Maximum | 600V AC/DC |

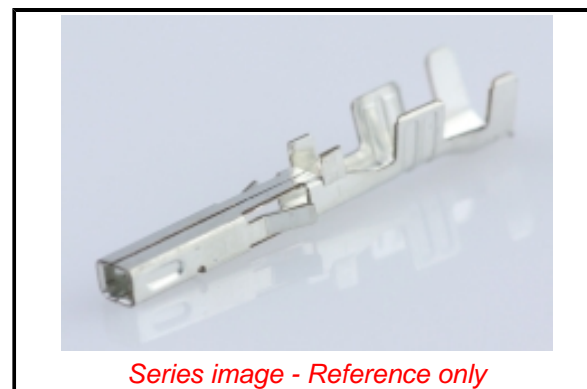
Solder Process Data

| | |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

Material Info

Reference - Drawing Numbers

| | |
|-------------------------------|--|
| Application Specification | AS-172718-0000-001 |
| Application Tooling Documents | ATS-639036600-001 |
| Packaging Specification | PK-172718-0000-000, PK-172718-0001-000 |
| Product Specification | 2131370000-PS-000, PS-172718-0000-001 |
| Sales Drawing | SD-172718-0000-000 |
| 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(2020)4578-DC (25 June 2020)

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

[172718](#) Series

Use With

Mini-Fit TPA2 Receptacle Housings [172708](#), [200453](#)

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

| Description | Product # |
|---|----------------------------|
| Hand Crimp Tool for Mini-Fit TPA2 Male and Female Crimp Terminals, 16 AWG, Large and Small Insulation Grips | 2002181700 |
| Extraction Tool for Mini-Fit TPA2 Crimp Terminal, 16-24 AWG | 638246210 |

FineAdjust Applicator 639036600
for Mini-Fit TPA2
Crimp Terminals,
1.00mm², 1.50mm²,
and 16 AWG Wires

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