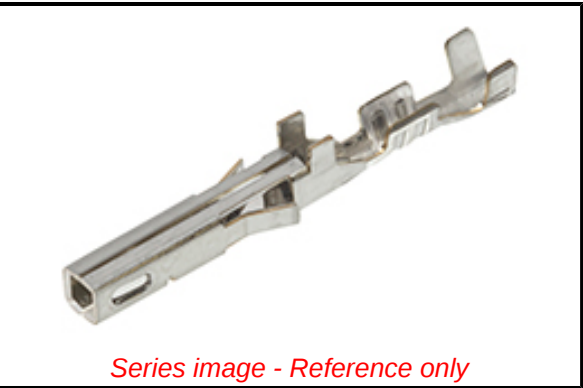


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Part Number: [1727184121](#)
Status: **Active**
Overview: Mini-Fit Jr. Power Connectors
Description: Mini-Fit TPA2 Female Crimp Terminal, Brass, Pre-Plated Tin (Sn), 18-20 AWG, 2.10-2.85mm Insulation Diameter, Reel



Series image - Reference only

Documents:

- | | |
|--|--|
| Drawing (PDF) | Packaging Specification PK-172718-0001-000 (PDF) |
| Product Specification PS-172718-0000-001 (PDF) | Test Summary 1727180001-TS-000 (PDF) |
| Application Specification AS-172718-0000-001 (PDF) | Test Summary 1727180002-TS-000 (PDF) |
| Packaging Specification PK-172718-0000-000 (PDF) | RoHS Certificate of Compliance (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	Yes
Overview	Mini-Fit Jr. Power Connectors
Packaging Alternative	172718-4122 (Bag)
Product Name	Mini-Fit TPA2
UPC	889056179393

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Brass
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	2.10-2.85mm
Wire Size AWG	18, 20
Wire Size mm²	N/A

Electrical

Current - Maximum per Contact	11.5A
Voltage - Maximum	600V AC/DC

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Application Specification	AS-172718-0000-001
Application Tooling Documents	ATS-639036800
Packaging Specification	PK-172718-0000-000, PK-172718-0001-000
Product Specification	PS-172718-0000-001
Sales Drawing	SD-172718-0000-000
Test Summary	1727180001-TS-000, 1727180002-TS-000

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
2018)

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](#)

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