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Part Number: [2030703141](#)
Status: **Active**
Overview: Mini-Fit Jr. Power Connectors
Description: Mini-Fit TPA2/Sigma Male Crimp Terminal, Copper Alloy, Post-Plated Gold (Au), 18-20 AWG, 1.42-2.10mm Insulation Diameter, Reel

Documents:

Drawing (PDF)	Packaging Specification 2030700002-000 (PDF)
Product Specification 2029880001-PS-000 (PDF)	Test Summary 2029880001-TS-000 (PDF)
Application Specification AS-172718-0000-001 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	203070
Application	Power
Comments	See product specification for current derating information.
Crimp Quality Equipment	Yes
Overview	Mini-Fit Jr. Power Connectors
Product Name	Mini-Fit Sigma, Mini-Fit TPA2
UPC	191128371025

Physical

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	0.191/g
Packaging Type	Reel
Plating min - Mating	2.500µm
Plating min - Termination	2.500µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.42-2.10mm
Wire Size AWG	18, 20
Wire Size mm ²	N/A

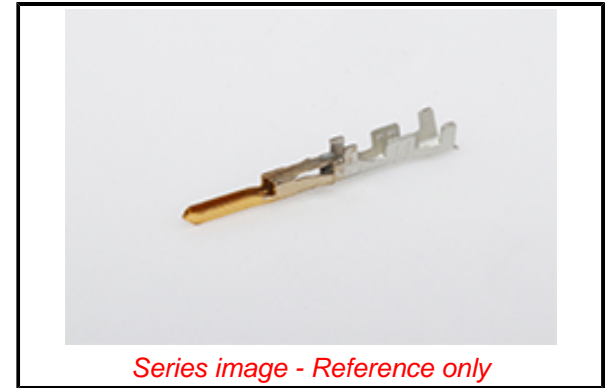
Electrical

Current - Maximum per Contact	13.5A
Voltage - Maximum	600V AC/DC

Material Info

Reference - Drawing Numbers

Application Specification	AS-172718-0000-001
Packaging Specification	2030700002-000
Product Specification	2029880001-PS-000
Sales Drawing	2030700001-000
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

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

[203070](#) Series

Use With

Mini-Fit TPA2 Plug Housing [172762](#) ,
[172767](#) . Mini-Fit Sigma Plug Housing
[207017](#)

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, 18 AWG, Large and Small Insulation Grips	2002180100
Hand Crimp Tool for Mini-Fit TPA2 Male and Female Crimp	2002182100

Terminals, 20 AWG,
Large and Small
Insulation Grips
FineAdjust Applicator 639036900
for Mini-Fit TPA2
Crimp Terminals,
0.50mm², 0.75mm²
and 18-20 AWG
wires

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