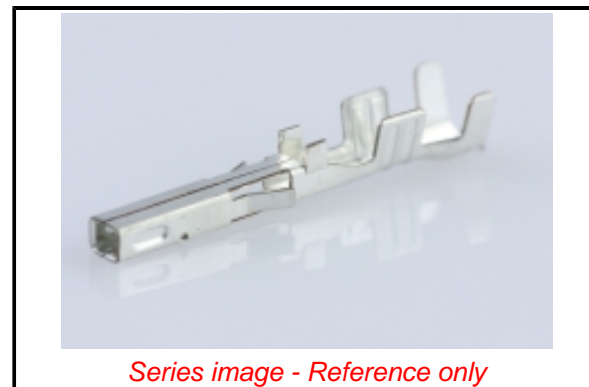


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**Part Number:** [2029883241](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Family Power Connectors](#)  
**Description:** Mini-Fit TPA2/Sigma Female Crimp Terminal, Copper Alloy, Post-Plated Tin (Sn), 18-20AWG, 1.42-2.10mm Insulation Diameter, Reel

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification 2029880002-000 (PDF)</a>
<a href="#">Product Specification 2029880001-PS-000 (PDF)</a>	<a href="#">Test Summary 2029880001-TS-000 (PDF)</a>
<a href="#">Product Specification 2029880002-PS-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification AS-172718-0000-001 (PDF)</a>	



Series image - Reference only

**General**

Product Family	Crimp Terminals
Series	<a href="#">202988</a>
Application	Power
Comments	See product specification for current derating information.
Crimp Quality Equipment	Yes
Overview	<a href="#">Mini-Fit Family Power Connectors</a>
Packaging Alternative	<a href="#">2029883242</a> (Bag)
Product Name	Mini-Fit Sigma, Mini-Fit TPA2
UPC	191128369824

**Physical**

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.204/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 <sup>2</sup>	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	2029880002-000
Product Specification	2029880001-PS-000, 2029880002-PS-000
Sales Drawing	2029880001-000
Test Summary	2029880001-TS-000

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**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**

[202988](#) Series

**Use With**

Mini-Fit TPA2/Sigma Receptacle Housings  
[172708](#)

**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	<a href="#">2002180100</a>
Hand Crimp Tool for Mini-Fit TPA2 Male and Female Crimp Terminals, 20 AWG,	

Large and Small  
Insulation Grips  
FineAdjust Applicator 639036900  
for Mini-Fit TPA2  
Crimp Terminals,  
0.50mm<sup>2</sup>, 0.75mm<sup>2</sup>  
and 18-20 AWG  
wires

This document was generated on 12/28/2021

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