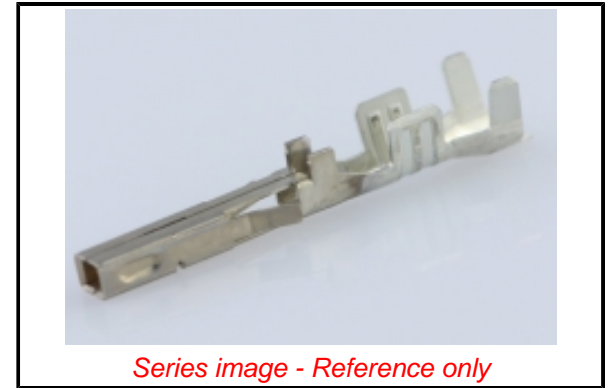


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Part Number: [2029881141](#)
Status: **Active**
Overview: [Mini-Fit Family Power Connectors](#)
Description: Mini-Fit TPA2/Sigma Female Crimp Terminal, Copper Alloy, Post-Plated Gold (Au), 16 AWG, 1.98-2.55mm Insulation Diameter, Reel

Documents:

Drawing (PDF)	Application Specification AS-172718-0000-001 (PDF)
Product Specification 2029880001-PS-000 (PDF)	Packaging Specification 2029880002-000 (PDF)
Product Specification 2029880002-PS-000 (PDF)	Test Summary 2029880001-TS-000 (PDF)
Application Specification 2131370000-AS-000 (PDF)	RoHS Certificate of Compliance (PDF)



General

Product Family	Crimp Terminals
Series	202988
Application	Power
Comments	See product specification for current derating information.
Crimp Quality Equipment Overview	Yes
Packaging Alternative	Mini-Fit Family Power Connectors
Product Name	2029881142 (Bag)
UPC	Mini-Fit Sigma, Mini-Fit TPA2 191128369565

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
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	1.98-2.55mm
Wire Size AWG	16
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	2131370000-AS-000, 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, 16 AWG, Large and Small Insulation Grips FineAdjust Applicator	2002181700
for Mini-Fit TPA2 Crimp Terminals, 16 AWG wires	

This document was generated on 01/04/2022

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