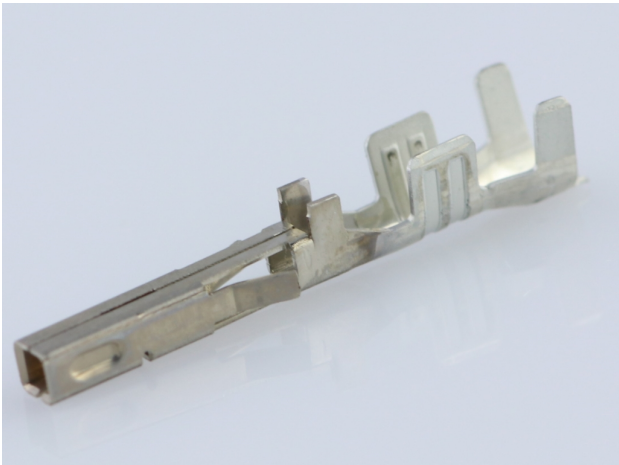




Part Number : [2029881142](#)
Product Description : Mini-Fit TPA2/Sigma Female Crimp Terminal, Copper Alloy, Post-Plated Gold (Au), 16 AWG, 1.98-2.55mm Insulation Diameter, Bag
Series Number : 202988
Status : Active
Product Category : Crimp Terminals
Packaging Alternative : [2029881141 \(Reel\)](#)



Documents & Resources

Drawings
[2029881142_sd.pdf](#)
[2029880003-000.pdf](#)

Specifications
[AS-172718-0000-001.pdf](#)
[2131370000-AS-000.pdf](#)
[2029880001-PS-000.pdf](#)
[2029880002-PS-000.pdf](#)
[1727180003-TS-000.pdf](#)
[2029880001-TS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

[Multiple Part Product Compliance Statements](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Crimp Terminals
Series	202988
Description	Mini-Fit TPA2/Sigma Female Crimp Terminal, Copper Alloy, Post-Plated Gold (Au), 16 AWG, 1.98-2.55mm Insulation Diameter, Bag
Application	Power, Wire-to-Wire, Wire-to-Board
Comments	See product specification for current derating information.
Product Name	Mini-Fit Sigma,Mini-Fit TPA2
UPC	191128369572

Electrical

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

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	Bag
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

Use with Part(s)

Description	Part Number
Mini-Fit TPA2 and Mini-Fit Sigma Dual Row Receptacle Housings	<u>172708</u>

Application Tooling

Global

Description	Part Number
Hand Crimp Tool for Mini-Fit TPA2 Male and Female Crimp Terminals, 16 AWG, Large and Small Insulation Grips	<u>2002181700</u>