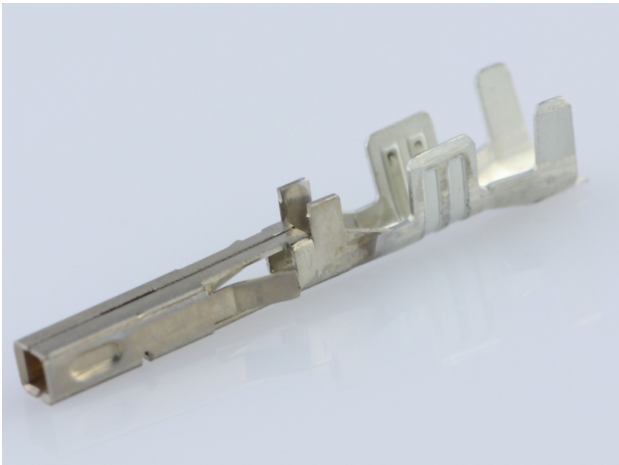




Part Number : [2029881141](#)
Product Description : Mini-Fit TPA2/Sigma Female Crimp Terminal, Copper Alloy, Post-Plated Gold (Au), 16 AWG, 1.98-2.55mm Insulation Diameter, Reel
Series Number : 202988
Status : Active
Product Category : Crimp Terminals
Packaging Alternative : 2029881142 (Bag)



Documents & Resources

Drawings


[Drawing 2029881141_sd.pdf](#)
[Packaging Design Drawing 2029880002-000.pdf](#)

Specifications

[Application Specification AS-172718-0000-001.pdf](#)
[Application Specification 2131370000-AS-000.pdf](#)
[Product Specification 2029880001-PS-000.pdf](#)
[Product Specification 2029880002-PS-000.pdf](#)
[Test Summary 2029880001-TS-000.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Compliant with Exemption 33; 44; 34 |
| China RoHS |  |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2024)4144-DC (27 June 2024) |
| 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, Reel |
| Application | Power, Wire-to-Wire, Wire-to-Board |
| Comments | See product specification for current derating information. |
| Product Family | Mini-Fit Family Power Connectors |
| Product Name | Mini-Fit Sigma,Mini-Fit TPA2 |
| UPC | 191128369565 |

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 | 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 |

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> |
| FineAdjust Applicator for Mini-Fit TPA2 Crimp Terminals, 16 AWG wires | <u>639036700</u> |