**Part Number :** 2214424241
**Product Description :** Mini-Fit TPA2/Sigma Female Low Mating Force Crimp Terminal, Copper Alloy, Post-Plated Tin (Sn), 20-18 AWG, 2.10-2.85mm Insulation Diameter, Reel
**Series Number :** 221442
**Status :** Active
**Product Category :** Crimp Terminals



## Documents and Resources

### Drawings

2214424241_sd.pdf

2214420000-PK-000.pdf

STEP AP242

SOLIDWORKS

Creo

### Specifications

PS-172718-0000-001.pdf

2131370000-PS-000.pdf

1727180001-TS-000.pdf

2131370001-TS-000.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)7771-DC (04 Feb 2026) |
| EU RoHS | Compliant per EU 2015/863 |

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Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Crimp Terminals |
| Series | 221442 |
| Description | Mini-Fit TPA2/Sigma Female Low Mating Force Crimp Terminal, Copper Alloy, Post-Plated Tin (Sn), 20-18 AWG, 2.10-2.85mm Insulation Diameter, Reel |
| Application | Power, Wire-to-Wire, Wire-to-Board |
| Product Name | Mini-Fit Sigma,Mini-Fit TPA2 |
| UPC | 198282439226 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 10.0A |
| Voltage - Maximum | 600V AC/DC |

### Physical

| | |
|---|---|
| Durability (mating cycles max) | 30 |
| Gender | Female |
| Material - Metal | Copper Alloy |

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| | |
|---|---|
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Net Weight | 0.184/g |
| Packaging Type | Reel |
| Plating min - Mating | 1.250µm |
| Plating min - Termination | 2.500µm |
| Termination Interface Style | Crimp or Compression |
| Wire Insulation Diameter | 2.10-2.85mm |
| Wire Size (AWG) | 18, 20 |
| Wire Size $mm^2$ | N/A |

## Mates With / Use With

### Use with Part(s)

| Description | Part Number |
|---|---|
| Mini-Fit TPA2 and Mini-Fit Sigma Dual Row Receptacle Housings | 172708 |
| Mini-Fit TPA2 and Mini-Fit Sigma Single Row Receptacle Housings | 200453 |

## Application Tooling

## Global

| Description | Part Number |
|---|---|
| FineAdjust Applicator for Mini-Fit TPA2 Crimp Terminals, 0.50$mm^2$, 0.75$mm^2$ and 20-18 AWG wires | 639036800 |
| Hand Crimp Tool for Mini-Fit TPA2 Male and Female Crimp Terminals, 20 AWG, Large and Small Insulation Grips | 2002182100 |
| Hand Crimp Tool for Mini-Fit TPA2 Male and Female Crimp Terminals, 18 AWG, Large and Small Insulation Grips | 2002180100 |



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