



**Part Number :** [2214425241](#)

**Product Description :** Mini-Fit TPA2/Sigma Female Low Mating Force Crimp Terminal, Copper Alloy, Post-Plated Tin (Sn), 24-22 AWG, 1.07-1.65mm Insulation Diameter, Reel



**Series Number :** 221442

**Status :** Active

**Product Category :** Crimp Terminals

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## Documents & Resources

### Drawings

[2214425241\\_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](#)

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## 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)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

## 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), 24-22 AWG, 1.07-1.65mm Insulation Diameter, Reel
Application	Power, Wire-to-Wire, Wire-to-Board
Product Name	Mini-Fit Sigma,Mini-Fit TPA2
UPC	198282439233

### **Electrical**

Current - Maximum per Contact	7.0A
Voltage - Maximum	600V AC/DC

### **Physical**

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

Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.173/g
Packaging Type	Reel
Plating min - Mating	1.250µm
Plating min - Termination	2.500µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.07-1.65mm
Wire Size (AWG)	22, 24
Wire Size mm <sup>2</sup>	N/A

## Mates With / Use With

### Use with Part(s)

Description	Part Number
Mini-Fit TPA2 and Mini-Fit Sigma Dual Row Receptacle Housings	<a href="#">172708</a>
Mini-Fit TPA2 and Mini-Fit Sigma Single Row Receptacle Housings	<a href="#">200453</a>

## Application Tooling

### Global

Description	Part Number
FineAdjust Applicator for Mini-Fit TPA2 Crimp Terminals, 0.22mm <sup>2</sup> , 0.25mm <sup>2</sup> , 0.35 mm <sup>2</sup> and 24-22 AWG wires	<a href="#">639037100</a>
Hand Crimp Tool for Mini-Fit TPA2 Male and Female Crimp Terminals, 24 AWG, Large and Small Insulation Grips	<a href="#">2002181200</a>
Hand Crimp Tool for Mini-Fit TPA2 Male and Female Crimp Terminals, 22 AWG, Large and Small Insulation Grips	<a href="#">2002180200</a>

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