

**Part Number :** [428170042](#)

**Product Description :** Mini-Fit Sr. Crimp Terminal,  
Male, 16-14 AWG, Gold (Au)

**Series Number :** 42817

**Status :** Active

**Product Category :** Crimp Terminals



---

## Documents and Resources

### Drawings

[428170042\\_sd.pdf](#)

[PK-42815-001-001.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[AS-42815-001-001.pdf](#)

[PS-42815-001-001.pdf](#)


### Tooling Specifications

[ATS-638912000-001.pdf](#)

---

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 34
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	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

### 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

## Part Details

### General

Status	Active
Category	Crimp Terminals
Series	42817
Description	Mini-Fit Sr. Crimp Terminal, Male, 16-14 AWG, Gold (Au)
Application	Power, Wire-to-Wire
Comments	High Current/Low Force; See Product Specification for maximum current rating by circuit size and application.
Product Name	Mini-Fit Sr.
UPC	756054457108

### Electrical

Current - Maximum per Contact	50.0A
-------------------------------	-------

### Physical

Gender	Male
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	1.340/g

Packaging Type	Reel
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	4.57mm max.
Wire Size (AWG)	14, 16
Wire Size mm <sup>2</sup>	N/A

## Mates With / Use With

### Use with Part(s)

Description	Part Number
10.00mm Pitch Mini-Fit Sr. Single Row Plug Housings	<u>42818</u>
Mini-Fit Sr. Dual Row Plug Housings	<u>43938</u>

---

## Application Tooling

### Global

Description	Part Number
FineAdjust Applicator for Mini-Fit Sr. Male and Female Crimp Terminals, 16-14 AWG	<u>2037022900</u>

---

This document was generated on May 27, 2026