



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 & Resources


Drawings
[428170042_sd.pdf](#)
[PK-42815-001-001.pdf](#)

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	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 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	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
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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 ²	N/A

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
PremiumGrade Hand Crimp Tool for 10.00mm Mini-Fit Sr. Male and Female Terminals, 16-14 AWG	<u>638113800</u>
Extraction Tool for Mini-Fit Sr. Terminals, 16-8 AWG	<u>638130400</u>
Mini-Mac Applicator for Mini-Fit Sr. Male and Female Terminals for 16-14 AWG Wire with Insulation Diameter no greater than 3.33mm	<u>638912000</u>