

**Part Number :** [2014472400](#)

**Product Description :** Nano-Fit Crimp Terminal,  
Male, 2.54µm Matte Tin Plating, Lubricated, 22-20 AWG

**Series Number :** 201447

**Status :** Active

**Product Category :** Crimp Terminals



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## Documents and Resources

### Drawings

[2014472400\\_sd.pdf](#)

[2014471000-PK-000.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[AS-105300-100-001.pdf](#)


[2014471000-PS-000.pdf](#)

[2014471000-TS-000.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
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	201447
Description	Nano-Fit Crimp Terminal, Male, 2.54µm Matte Tin Plating, Lubricated, 22-20 AWG
Application	Power, Wire-to-Wire
Product Name	Nano-Fit,Nano-Fit BMI
UPC	191130025091

### Electrical

Current - Maximum per Contact	7.5A
Voltage - Maximum	250V AC (RMS)/DC

### Physical

Durability (mating cycles max)	25
Gender	Male
Material - Metal	High Conductivity Copper
Material - Plating Mating	Matte Tin
Material - Plating Termination	Matte Tin
Net Weight	0.083/g
Packaging Type	Reel

Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.60mm
Wire Size (AWG)	20, 22
Wire Size mm <sup>2</sup>	N/A

## Mates With / Use With

### Use with Part(s)

Description	Part Number
Nano-Fit TPA Capable Single Row Plug Housings	<u>200277</u>
Nano-Fit Dual Row TPA Capable Plug Housings	<u>201444</u>
Nano-Fit BMI TPA Capable Plug Housings	<u>224556</u>

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## Application Tooling

### Global

Description	Part Number
Hand Crimp Tool for Nano-Fit Plug Crimp Terminals, 22-20 AWG	<u>2002186400</u>
FineAdjust Applicator for Nano-Fit Wire-to-Wire Plug Terminals, 22-20 AWG UL 1061 and 22 AWG UL 1007 Wires	<u>2037023000</u>
Extraction Tool for Nano-Fit Crimp Terminals, 26-24 AWG	<u>2002221400</u>

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This document was generated on May 20, 2026