



Part Number : [2014472800](#)

Product Description : Nano-Fit Crimp Terminal, Male, 0.025µm Gold (Au) Plating, 22-20 AWG

Series Number : 201447

Status : Active

Product Category : Crimp Terminals



Documents and Resources

Drawings

[2014472800_sd.pdf](#)

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

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

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


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

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

[2014471000-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	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)6375-DC (05 Nov 2025) SCIP:0a24af5e-6dff-49df-b110-1b8d3cb16e06
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, 0.025µm Gold (Au) Plating, 22-20 AWG
Application	Power, Wire-to-Wire
Product Name	Nano-Fit,Nano-Fit BMI
UPC	196823536601

Electrical

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

Physical

Durability (mating cycles max)	50
Gender	Male
Material - Metal	High Conductivity Copper
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin

Net Weight	0.083/g
Packaging Type	Reel
Plating min - Mating	0.025µm
Plating min - Termination	1.500µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.60mm
Wire Size (AWG)	20, 22
Wire Size mm ²	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>

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>

This document was generated on Jan 05, 2026