

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [2014472600](#)
Status: **Active**
Overview: [Nano-Fit Power Connectors](#)
Description: Nano-Fit Crimp Terminal, Male, 0.76µm Gold (Au) Plating, Lubricated, 20-22 AWG

Documents:

[Drawing \(PDF\)](#) [Datasheet \(PDF\)](#)
[Product Specification 2014471000-PS-000 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Packaging Specification 2014471000-PK-000 \(PDF\)](#)

General

Product Family Crimp Terminals
 Series [201447](#)
 Application Power, Wire-to-Wire
 Crimp Quality Equipment Yes
 Overview [Nano-Fit Power Connectors](#)
 Product Name Nano-Fit
 UPC 191130025107

Physical

Durability (mating cycles max) 25
 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 0.760µm
 Plating min - Termination 2.540µm
 Termination Interface: Style Crimp or Compression
 Wire Insulation Diameter 1.60mm
 Wire Size AWG 20, 22
 Wire Size mm² N/A

Electrical

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

Material Info

Reference - Drawing Numbers

Packaging Specification 2014471000-PK-000
 Product Specification 2014471000-PS-000
 Sales Drawing 2014471000-SD-000



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 D(2020)4578-DC (25
 June 2020)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[201447 Series](#)

Use With

Nano-Fit Single Row Plug Housing [200277](#)

 Nano-Fit Dual Row Plug Housing
[201444](#)

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
Hand Crimp Tool for Nano-Fit Plug Crimp Terminals, 20-22 AWG	2002186400
FineAdjust Applicator for Nano-Fit Wire-to-Wire Plug Terminals, 20-22 AWG UL1061	2037023000

This document was generated on 09/08/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION