



Part Number : 2014471800

Product Description : Nano-Fit Crimp Terminal, Male, 0.025µm Gold (Au) Plating, 24-26 AWG

Series Number : 201447

Status : Active

Product Category : Crimp Terminals

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## Documents & Resources

### Drawings

Drawing 2014471800\_sd.pdf

Packaging Design Drawing 2014471000-PK-000.pdf

### Specifications

Product Specification PS-105300-100-001.pdf

Product Specification 2014471000-PS-000.pdf

Test Summary 2014471000-TS-000.pdf

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 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)

## Part Details

### General

Status	Active
Category	Crimp Terminals
Series	201447
Description	Nano-Fit Crimp Terminal, Male, 0.025µm Gold (Au) Plating, 24-26 AWG
Application	Power, Wire-to-Wire
Product Family	Nano-Fit Power Connectors
Product Name	Nano-Fit,Nano-Fit BMI
UPC	196823536595

### Electrical

Current - Maximum per Contact	5.0A
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	0.076/g
Packaging Type	Reel
Plating min - Mating	0.025µm
Plating min - Termination	1.500µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.30mm
Wire Size (AWG)	24, 26
Wire Size mm <sup>2</sup>	N/A

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## 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, 24-26 AWG	<u>2002186500</u>
FineAdjust Applicator for Nano-Fit Wire-to-Wire Plug Terminals, 24-26 AWG, UL1061 Wire	<u>2037023100</u>
FineAdjust Applicator for Nano-Fit Wire-to-Wire Plug Terminals, 24-26 AWG, UL1007 Wire	<u>2037023200</u>
Extraction Tool for Nano-Fit Crimp Terminals, 24-26 AWG	<u>2002221400</u>

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