



Part Number : [2014472400](#)

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

Series Number : 201447

Status : Active

Product Category : Crimp Terminals



Documents & Resources

Drawings

[Drawing 2014472400_sd.pdf](#)

[Packaging Design Drawing 2014471000-PK-000.pdf](#)


Specifications

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

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

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not 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)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Crimp Terminals
Series	201447
Description	Nano-Fit Crimp Terminal, Male, 2.54µm Matte Tin Plating, Lubricated, 20-22 AWG
Application	Power, Wire-to-Wire
Product Family	Nano-Fit Power Connectors
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 ²	N/A

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, 20-22 AWG	<u>2002186400</u>
FineAdjust Applicator for Nano-Fit Wire-to-Wire Plug Terminals, 20-22 AWG UL1061 and 22 AWG UL1007 Wires	<u>2037023000</u>
Extraction Tool for Nano-Fit Crimp Terminals, 24-26 AWG	<u>2002221400</u>