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



Documents & 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

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)4165-DC (25 June 2025)
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^2	N/A

Mates With / Use With

Use with Part(s)

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

Application Tooling

Global

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