

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

1053001200

Status:

Active

Overview:

Nano-Fit Power Connectors

Description:

Nano-Fit Crimp Terminal, Female, 0.38µm Gold (Au) Plating, 24-26 AWG

- Documents:
- Drawing (PDF)

Application Specification AS-105300-100-001 (PDF)
- Product Specification 1053001000-PS-CH-000 (PDF)

Packaging Specification PK-105300-100-000 (PDF)
- Product Specification 1053001000-PS-ES-000 (PDF)

Test Summary 1053000000-TS-000 (PDF)
- Product Specification 1053001000-PS-JP-000 (PDF)

Datasheet (PDF)
- Product Specification 1053001000-PS-SK-000 (PDF)

RoHS Certificate of Compliance (PDF)
- Product Specification PS-105300-100-001 (PDF)

General	
Product Family	Crimp Terminals
Series	105300
Application	Power, Wire-to-Board
Crimp Quality Equipment	Yes
Overview	Nano-Fit Power Connectors
Product Name	Nano-Fit
UPC	889056003254

Physical	
Durability (mating cycles max)	50
Gender	Female
Material - Metal	High Conductivity Copper
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.100/g
Packaging Type	Reel
Plating min - Mating	0.381µm
Plating min - Termination	2.540µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.30mm
Wire Size AWG	24, 26
Wire Size mm²	0.13-0.20

Electrical	
Current - Maximum per Contact	6.0A
Voltage - Maximum	250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers	
Application Specification	AS-105300-100-001
Packaging Specification	PK-105300-100-000
Product Specification	1053001000-PS-CH-000, 1053001000-PS-ES-000, 1053001000-PS-JP-000, 1053001000-PS-SK-000, PS-105300-100-001
Sales Drawing	SD-105300-100-000
Test Summary	1053000000-TS-000



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

Green Image

REACH SVHC

Not Contained Per - D(2021)4569-DC (8 July 2021)

Halogen-Free

Not Relevant

Status

Low-Halogen

For more information, please visit

Contact US

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

105300 Series

Use With

Nano-Fit Receptacle Housing 105307 , 105308

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 #
Extraction Tool for Nano-Fit Power Connectors and Crimp Terminals, 20-26 AWG	638244600
Hand Crimp Tool for Nano-Fit Receptacle Terminals, 24 AWG and 26 AWG,	638276000

UL1061 and UL1007
Insulations
FineAdjust Applicator639032500
for Insulation OD
0.90-1.15mm -
UL1061
FineAdjust Applicator639034800
for Insulation OD
1.20–1.45mm -
UL1007

Japan	
Description	Product #
S-1 Applicator for Nano-Fit Terminals, 24-26 AWG, UL1061 Wires	<u>2047483710</u>
S-1 Applicator for Nano-Fit Terminals, 24-26 AWG, UL1007 Wires	<u>2047483720</u>

This document was generated on 10/04/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

[105300-1200](#) [105300-1200 \(Cut Strip\)](#) [105300-1200 \(Mouser Reel\)](#) [105300-1200 \(Loose Piece\)](#)