



**Part Number :** [1053001200](#)

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

**Series Number :** 105300

**Status :** Active

**Product Category :** Crimp Terminals



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## Documents and Resources

### Drawings

[1053001200\\_sd.pdf](#)

[PK-105300-100-000.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[AS-105300-100-001.pdf](#)

[1053001000-PS-CH-000.pdf](#)

[1053001000-PS-ES-000.pdf](#)

[1053001000-PS-JP-000.pdf](#)

[1053001000-PS-SK-000.pdf](#)

[PS-105300-100-001.pdf](#)


[2192681000-PS-000.pdf](#)

[1053000000-TS-000.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 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)7771-DC (04 Feb 2026)
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	105300
Description	Nano-Fit Crimp Terminal, Female, 0.38µm Gold (Au) Plating, 26-24 AWG
Application	Power, Wire-to-Board, Wire-to-Wire
Product Name	Nano-Fit,Nano-Fit BMI
UPC	889056003254

### Electrical

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

### Physical

Durability (mating cycles max)	50
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Gender	Female
Material - Metal	High Conductivity Copper
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Net Weight	0.100/g
Packaging Type	Reel
Plating min - Mating	0.381µm
Plating min - Termination	1.250µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.30mm
Wire Size (AWG)	24, 26
Wire Size mm <sup>2</sup>	N/A

## Mates With / Use With

### Use with Part(s)

Description	Part Number
Nano-Fit TPA Capable Single Row Receptacle Housings	<u>105307</u>
Nano-Fit TPA Capable Dual Row Receptacle Housings	<u>105308</u>
Nano-Fit BMI Dual Row Receptacle Housings	<u>219268</u>

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## Application Tooling

### Global

Description	Part Number
Extraction Tool for Nano-Fit Power Connectors/Terminals and DuraClik Robust Connectors/Terminals, 26-20 AWG and 0.30-0.50mm <sup>2</sup> Wire	<u>638244600</u>
Hand Crimp Tool for Nano-Fit Receptacle Terminals, 24 AWG and 26 AWG, UL1061 and UL1007 Insulations	<u>638276000</u>

FineAdjust Applicator for Insulation OD 0.90-1.15mm - UL1061	<u>639032500</u>
FineAdjust Applicator for Insulation OD 1.20-1.45mm - UL1007	<u>639034800</u>

## Japan

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

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