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**Part Number:** [1053001300](#)  
**Status:** **Active**  
**Overview:** [Nano-Fit Power Connectors](#)  
**Description:** Nano-Fit Crimp Terminal, Female, 0.76µm Gold (Au) Plating, 24-26 AWG

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-105300-100-001 (PDF)</a>
<a href="#">Product Specification 1053001000-PS-CH-000 (PDF)</a>	<a href="#">Packaging Specification PK-105300-100-000 (PDF)</a>
<a href="#">Product Specification 1053001000-PS-ES-000 (PDF)</a>	<a href="#">Test Summary 1053000000-TS-000 (PDF)</a>
<a href="#">Product Specification 1053001000-PS-JP-000 (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification 1053001000-PS-SK-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-105300-100-001 (PDF)</a>	

**General**

Product Family	Crimp Terminals
Series	<a href="#">105300</a>
Application	Power, Wire-to-Board
Crimp Quality Equipment	Yes
Overview	<a href="#">Nano-Fit Power Connectors</a>
Product Name	Nano-Fit
UPC	889056003278

**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	0.762µm
Plating min - Termination	2.540µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.30mm
Wire Size AWG	24, 26
Wire Size mm <sup>2</sup>	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



**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

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

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Compliant

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 [638244600](#)

Nano-Fit Power Connectors and Crimp Terminals, 20-26 AWG

Hand Crimp Tool for [638276000](#)

Nano-Fit Receptacle Terminals, 24 AWG and 26 AWG,

UL1061 and UL1007  
Insulations  
FineAdjust Applicator 639032500  
for Insulation OD  
0.90-1.15mm -  
UL1061  
FineAdjust Applicator 639034800  
for Insulation OD  
1.20-1.45mm -  
UL1007

**Japan**

<b>Description</b>	<b>Product #</b>
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>

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[105300-1300](#) [105300-1300 \(Cut Strip\)](#) [105300-1300 \(Loose Piece\)](#) [105300-1300 \(Mouser Reel\)](#)