



Part Number : [1053001300](#)  
Product Description : Nano-Fit Crimp  
Terminal, Female, 0.76µm Gold (Au) Plating,  
26-24 AWG  
Series Number : 105300  
Status : Active  
Product Category : Crimp Terminals



## Documents & Resources

Drawings  
[1053001300\\_sd.pdf](#)  
[PK-105300-100-000.pdf](#)

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](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
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

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## Part Details

### General

Status	Active
Category	Crimp Terminals
Series	105300
Description	Nano-Fit Crimp Terminal, Female, 0.76µm Gold (Au) Plating, 26-24 AWG
Application	Power, Wire-to-Board, Wire-to-Wire
Product Name	Nano-Fit, Nano-Fit BMI
UPC	889056003278

### Electrical

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

### Physical

Durability (mating cycles max)	50
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	0.762µm
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

### 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>

### Application Tooling

#### Global

Description	Part Number
Extraction Tool for Nano-Fit Power Connectors and Crimp Terminals, 26-20 AWG	<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>

### Application Tooling

#### 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>