



**Part Number :** [1053001100](#)

**Product Description :** Nano-Fit Crimp Terminal, Female, 2.54µm Matte Tin (Sn) Plating, 24-26 AWG

**Series Number :** 105300

**Status :** Active

**Product Category :** Crimp Terminals



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## Documents & Resources

### Drawings

[Drawing 1053001100\\_sd.pdf](#)

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

### Specifications

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

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

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

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

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

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


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

[Test Summary 1053001000-TS-000.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
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, 2.54µm Matte Tin (Sn) Plating, 24-26 AWG
Application	Power, Wire-to-Board, Wire-to-Wire
Product Family	Nano-Fit Power Connectors
Product Name	Nano-Fit,Nano-Fit BMI
UPC	889056003247

### Electrical

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

### Physical

Durability (mating cycles max)	25
Gender	Female
Material - Metal	High Conductivity Copper
Material - Plating Mating	Matte Tin
Material - Plating Termination	Matte Tin
Net Weight	0.100/g
Packaging Type	Reel
Plating min - Mating	2.540µm
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>	N/A

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### 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>
Nano-Fit BMI TPA Capable Plug Housings	<u>224556</u>

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### Application Tooling

#### Global

Description	Part Number
Extraction Tool for Nano-Fit Power Connectors and Crimp Terminals, 20-26 AWG	<u>0638244600</u>
Hand Crimp Tool for Nano-Fit Receptacle Terminals, 24 AWG and 26 AWG, UL1061 and UL1007 Insulations	<u>0638276000</u>
FineAdjust Applicator for Insulation OD 0.90-1.15mm - UL1061	<u>0639032500</u>
FineAdjust Applicator for Insulation OD 1.20-1.45mm - UL1007	<u>0639034800</u>

### Application Tooling

#### Japan

Description	Part Number
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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