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Part Number: [1053001100](#)
Status: **Active**
Overview: [Nano-Fit Power Connectors](#)
Description: Nano-Fit Crimp Terminal, Female, 2.54µm Matte Tin (Sn) 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 1053001000-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 | 889056003247 |

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 ² | 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 | 2004570710-000 |
| Test Summary | 1053001000-TS-000 |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

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

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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 Applicator [639032500](#)
for Insulation OD
0.90-1.15mm -
UL1061
FineAdjust Applicator [639034800](#)
for Insulation OD
1.20-1.45mm -
UL1007

Japan

| Description | Product # |
|---|----------------------------|
| S-1 Applicator for Nano-Fit Terminals, 24-26 AWG, UL1061 Wires | 2047483710 |
| S-1 Applicator for Nano-Fit Terminals, 24-26 AWG, UL1007 Wires | 2047483720 |

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