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Part Number: **1053002200**
Status: **Active**
Overview: Nano-Fit™ Power Connectors
Description: Nano-Fit™ Crimp Terminal, Female, 0.38µm Gold (Au) Plating, 20-22 AWG

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-105300-100-001 \(PDF\)](#) [Product Literature \(PDF\)](#)
[Packaging Specification PK-105300-100-000 \(PDF\)](#)

General

Product Family	Crimp Terminals
Series	<u>105300</u>
Application	Power
Crimp Quality Equipment	Yes
Overview	<u>Nano-Fit™ Power Connectors</u>
Product Literature Order No	987651-1223
Product Name	Nano-Fit™
UPC	889056003292

Physical

Durability (mating cycles max)	50
Gender	Female
Material - Metal	High Conductivity Copper
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin over Nickel
Net Weight	0.100/g
Packaging Type	Reel
Plating min - Mating	0.381µm
Plating min - Termination	2.540µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.60mm
Wire Size AWG	20, 22
Wire Size mm²	0.30-0.50

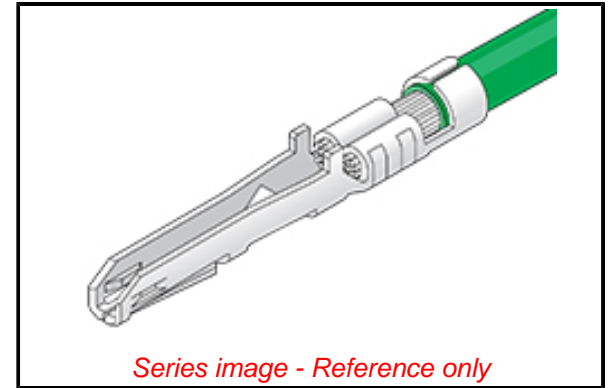
Electrical

Current - Maximum per Contact	6.5A
Voltage - Maximum	300V

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-105300-100-000
Product Specification	PS-105300-100-001
Sales Drawing	SD-105300-100-000



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

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 #

Hand Crimp
Tool for Nano-
Fit™ Receptacle
Terminals, 20-22
AWG UL1061 wire

[0638275600](#)

and 22 AWG UL1007
wire
FineAdjust™ 0639032400
Applicator for Nano-
Fit Terminals

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