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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	<a href="#">105300</a>
Application	Power
Crimp Quality Equipment	Yes
Overview	<a href="#">Nano-Fit™ Power Connectors</a>
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

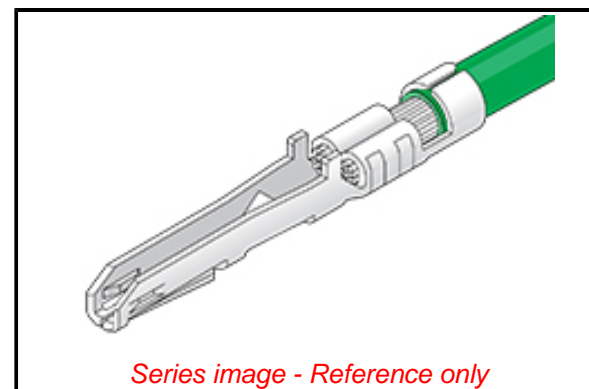
**Electrical**

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



*Series image - Reference only*

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[105300 Series](#)

**Use With**

Nano-Fit™ Receptacle Housing [105307](#) ,  
[105308](#)