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Part Number: [1053002100](#)
Status: **Active**
Overview: [Nano-Fit Power Connectors](#)
Description: Nano-Fit Crimp Terminal, Female, 2.540µm Matte Tin (Sn) Plating, 20-22 AWG

Documents:

Drawing (PDF)	Test Summary 1053001000-TS-000 (PDF)
Product Specification PS-105300-100-001 (PDF)	RoHS Certificate of Compliance (PDF)
Packaging Specification PK-105300-100-000 (PDF)	Product Literature (PDF)

General

Product Family	Crimp Terminals
Series	105300
Application	Power
Crimp Quality Equipment	Yes
Overview	Nano-Fit Power Connectors
Product Literature Order No	987651-1223
Product Name	Nano-Fit
UPC	889056003285

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	1.60mm
Wire Size AWG	20, 22
Wire Size mm ²	0.30-0.50

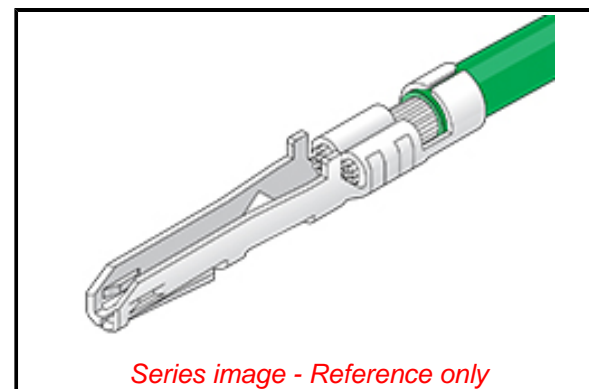
Electrical

Current - Maximum per Contact	6.5A
Voltage - Maximum	250V AC (RMS)

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-105300-100-000
Product Specification	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 -
ED/30/2017 (7 July
2017)

Halogen-Free

Status

Low-Halogen

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environmental compliance?**

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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](#)